

SECTION 2
Technical Specifications For Quotation

2.1 Scope: This request for quotation (RFQ) is to provide the Government of EGYPT (GOE) with Cartridge 7.62×51 mm linked, [(4) Ball M80 + (1) Tracer M62] or equivalent with link M13 fired from M240 machine gun

2.2 The quotation must include the following:

2.2.1 Technical data of the ammunition and its components (drawing with main dimensions, weight of projectile and its components, primer and propellant, production year, usage limitations, shelf life, packing specifications, point of originetc).

2.2.2 Complete ballistic data (muzzle velocity, maximum and mean pressure at normal and high temperature, standard deviation of the velocity and pressure, tracer time, dispersion, maximum range,....etc) .

2.2.3 A copy of the acceptance tests according to Military Standard used to test the components and the complete ammunition.

2.2.4 Manuals for ammunition's long term storage requirements, maintenance and repair.

2.3 The Quantities & Specification of the Required Items

CLIN	ITEM	QUANTITY
1	Cartridge 7.62×51 mm linked, [(4) Ball M80 + (1) Tracer M62] or equivalent with link M13 fired from M240 machine gun.	1400000
<ul style="list-style-type: none"> - The Requested ammunition is Fired From M240 machine gun. - Nominal velocity of projectile: 838 m/sec at 23.7m from muzzle. - Nominal chamber pressure ≤ 3515 kg/cm². - Nominal cartridge length: 71.1mm - The requested quantity will be determined during financial negotiations. - Include in the proposal (if available) for the same machine gun and the same quantity a proposal including the required above specifications for the types: <ul style="list-style-type: none"> - Cartridge 7.62×51 mm linked, (4) AP(1) + AP-T with link M13. - Cartridge 7.62×51 mm linked, (4) API(1) + API-T with link M13. - Cataloges of your produdction for the ammunition. 		

Copy No.7

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 621

DATE _____ IDEN.

DATE _____ EVID.

BY _____

DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Wednesday, May 6, 2015 11:09 PM
To: military@pindad.com
Subject: new Business for Egypt
Attach: 11 001.jpg; 12 001.jpg

**Attention: Neny
International Military export
PT. Pindad (Persero)**

Dear Sir/Mam,

In reference to my phone call to your office of today, I was informed to send an email to your attention for our wish to work with your company for the supply of our customer (Egyptian Armed Forces) your Ammunitions and also your 6X6 APC, for now please see attached file for the RFQ of the 7.62x51 ammunition , quantity of 1,400,000. Please advise if you can send an offer, based on your approval then I can send you the process for submitting an offer for the customer directly.

Also can you send me your electronic catalogue which have your complete line of products produces by your company.

Thanking you in advance.

Best Regards

Rami Ghanem

Gateway to Egypt. (GTE)

Complex 133, Building 7, Apartment 32
Al Rehab City, Cairo Egypt
Telephone# 00201127999552
International #: +37282432246

ramithe@gmail.com

US Telephone: 772 675-4363 Skype Address: caravaname

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Life is short.. So love your life.. Be happy.. And Keep smiling.. and

Before you speak »Listen
Before you write »Think
Before you spend »Earn
Before you pray »Forgive
Before you hurt »Feel
Before you hate »Love
Before you quit »Try
Before you die »Live

That's Life...

SECTION 1
GENERAL CONDITIONS

- 1.1 Object: This request for quotation (RFQ) is to provide the Government of EGYPT (GOE) with Cartridge 7.62x51mm linked, [(4) Ball M80 + (1) Tracer M62] or equivalent with link M13 fired from M240 machine gun.
- 1.2 General Conditions:
- 1.2.1 The offered ammunition must be in conformity with specifications in section 2.
- 1.2.2 The offered ammunitions and all its components should be manufactured according to the military standards.
- 1.3 The quotation should include the following:
- 1.3.1 Full technical and tactical specification of the offered ammunitions.
- 1.3.2 Year of production of the offered ammunition.
- 1.3.3 Time of delivery.
- 1.3.4 Complete acceptance tests procedures and criteria of pass, retest and reject (according to the military standard) for the requested ammunition.
- 1.3.5 Relevant experience and skills of the company.
- 1.3.6 Catalogs & CD's for all of the company's products for farther cooperation (optional).
- 1.4 Mechanical conditions:
- 1.4.1 The offered ammunitions should withstand all tests according to military standards.
- 1.4.2 The bidder must be the manufacturer of the requested ammunition.
- 1.4.3 The year of production of the ammunition and its component should be new and manufactured in the year of signing the contract.
- 1.4.4 The quotation should be submitted in original and three copies in English language and should be valid for at least (6) months after closing date.
- 1.4.5 The delivery should be within (12) months after signing the contract.
- 1.4.6 Closing date is : / / 2015
- 1.5 Contracting articles:
- 1.5.1 Delivery: the supplier undertakes to supply FCA
- 1.5.2 Period of guarantee: the supplier guarantees the offered ammunition for period of (24) months after its arrival and final acceptance.
- 1.5.3 Inspection:
- 1.5.3.1 The inspection & testing of the ammunition and its components are according to the military standard including static tests and firing (safety - environmental - performance -....etc) witnessed by Egyptian representatives in the supplier's country and GOE is responsible for the air tickets and accommodation for the inspectors.
- 1.5.3.2 The supplier shall inspect on his own responsibility and expenses the contracted items.
- 1.5.4 Taxes and duties: all due charges at the seller country will be done by the seller & in-country charges will be done by the buyers.
- 1.5.5 Payments: according to contracting terms.

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2.2.2 Complete ballistic data (muzzle velocity, maximum and mean pressure at normal and high temperature, standard deviation of the velocity and pressure, tracer time, dispersion, maximum range,....etc) .

2.2.3 A copy of the acceptance tests according to Military Standard used to test the components and the complete ammunition.

2.2.4 Manuals for ammunition's long term storage requirements, maintenance and repair.

2.3 The Quantities & Specification of the Required Items

CLIN	ITEM	QUANTITY
1	Cartridge 7.62×51 mm linked, [(4) Ball M80 + (1) Tracer M62] or equivalent with link M13 fired from M240 machine gun.	1400000
<ul style="list-style-type: none"> - The Requested ammunition is Fired From M240 machine gun. - Nominal velocity of projectile: 838 m/sec at 23.7m from muzzle. - Nominal chamber pressure ≤ 3515 kg/cm². - Nominal cartridge length: 71.1mm - The requested quantity will be determined during financial negotiations. - Include in the proposal (if available) for the same machine gun and the same quantity a proposal including the required above specifications for the types: <ul style="list-style-type: none"> - Cartridge 7.62×51 mm linked, (4) AP(1) + AP-T with link M13. - Cartridge 7.62×51 mm linked, (4) API(1) + API-T with link M13. - Cataloges of your produdction for the ammunition. 		

Copy No.7

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 622

DATE _____ IDEN.

DATE _____ EVID.

BY _____

DEPUTY CLERK

AO 386

From: PP Prodmil <military@pindad.com>
Sent: Wednesday, May 6, 2015 11:38 PM
To: Rami Ghanem <ramithe@gmail.com>
Cc: Dadang Suganda <suganda@pindad.com>; Neny Mulyany <neny@pindad.com>; Windu Paramarta <windhu@pindad.com>; Diajeng Ratna Audia <diajengratnaudia@ymail.com>
Subject: Re: new Business for Egypt
Attach: 138 panser APC.jpg; Panser Anoa 6x6 APC Hal 1.jpg; Panser Anoa 6x6 Komando Renault hal 2.jpg; 054 MU2-TJ.jpg; 055 MU2-H.jpg; 056 MU2-N.jpg; 057 MU2-TJS.jpg

Dear Mr. Rami Ghanem,

Thank you for the last conversation we had on the phone and the email as further confirmation. We will follow up regarding the quotation that you asked. We will proceed your request soon. But before we give our quoted price of those required ammunition, kindly confirm us whether the specification we had met the specification you need, as our specification attached. Really looking forward for your confirmation. Also, kindly ask you to send us your company profile as our reference.

Thank you and regards,
Neny Mulyany (Mrs.)
Sales Manager
Sales Division
Directorate of Defence and Security Products
PT. Pindad (Persero)

From: Rami Ghanem
Sent: Thursday, May 07, 2015 1:09 PM
To: military@pindad.com
Subject: new Business for Egypt

Attention: Neny
International Military export
PT. Pindad (Persero)

Dear Sir/Mam,

In reference to my phone call to your office of today, I was informed to send an email to your attention for our wish to work with your company for the supply of our customer (Egyptian Armed Forces) your Ammunitions and also your 6X6 APC, for now please see attached file for the RFQ of the 7.62x51 ammunition , quantity of 1,400,000. Please advise if you can send an offer, based on your approval then I can send you the process for submitting an offer for the customer directly.

Also can you send me your electronic catalogue which have your complete line of

products produces by your company.

Thanking you in advance.

Best Regards

Rami Ghanem

Gateway to Egypt. (GTE)

Complex 133, Building 7, Apartment 32

Al Rehab City, Cairo Egypt

Telephone# 00201127999552

International #: +37282432246

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Life is short.. So love your life.. Be happy.. And Keep smiling.. and

Before you speak »Listen
Before you write »Think
Before you spend »Earn
Before you pray »Forgive
Before you hurt »Feel
Before you hate »Love
Before you quit »Try
Before you die »Live

That's Life...

Ghanem_00000241

Ghanem_Sentencing_00000503

**PT. PINDAD (PERSERO)**

Jl. Jend Gatot Subroto No 517 Bandung 40284 Indonesia
 Phone : (62-22) 7306655, 7305092 Facsimile : (62-22) 7304095, 7301222
 E-mail : military@pindad.com;

PANSER ANOA 6x6**APC 6x6****SPECIFICATIONS >>>****PERFORMANCE**

Power to Weight Ratio [HP/ton]	: 22,85
Speed [km/hour]	: 100
Turning Radius [m]	: 8,5
Gradient	: 60% (31°)
Fording [m]	: 1
Vertical Step [m]	: 0,5
Trench [m]	: 1
Side Slope	: 30% (17°)
Angle of Approach / Departure	: 45° / 45°
Maximum Range (Full Tank) [km]	: 600

TECHNICAL

Engine	: 320 HP Inline 6 Cylinder Turbocharged Diesel
Transmission	: Automatic ZF 6HP502, 6 forward / 1 reverse
Cooling Pack	: Standard
Suspension	: Independent Modular with Torsion Bar
Tire Type	: Runflat 1400 - R20, escape range 80 km
Steering System	: Mechanical System - Hydraulic
Braking System	: Hydraulic - Pneumatic

GENERAL

Crew	: 3 + 10 persons
Dimension (L x W) [mm]	: 6000 x 2500
(H) [mm]	: 2670 (Copula); 2170 (Body Hull)
Weight (GVW / GCW) [ton]	: 12,04 / 15
Wheel Base [mm]	: 1510
Ground Clearance [cm]	: 41

Air Conditioning

Body Hull	: Standard
	: Monocoque, Armored Steel STANAG 4659 Level 3

WEAPON SYSTEM

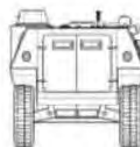
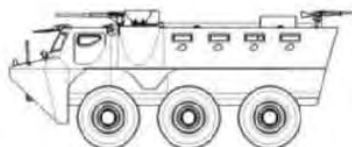
Smoke Shield	: 66 mm (3 right; 3 left)
Armaments	: 7,62 mm; 12,7 mm (Infantry); AGL 40 mm (Cavalry)
Shooter Openings	: 4 (right), 4 (left), 2 (back)
Reconnaissance Windows	: 4 (right), 4 (left), 2 (back)
Front Windows	: 2 pcs with armor plate cover
Back Door	: Rampdoor & Escape
Emergency Door	: 2 (right and left)

Communication

	: Intercom Set + VHF / FM (Invulnerable to Jamming + Hopping), GPS
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Special Equipment

	: NVG; 6 ton Winch Camouflage Net
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MERIAM &
VEHICLES



PANSER ANOA 6x6

ARMoured PERSONNEL CARRIER



PT. PINDAD (Persero)

Jl. Jend. Gatot Subroto No.517 Bandung 40284

Phone: + 62 22 7309765 - Fax: + 62 22 7312544

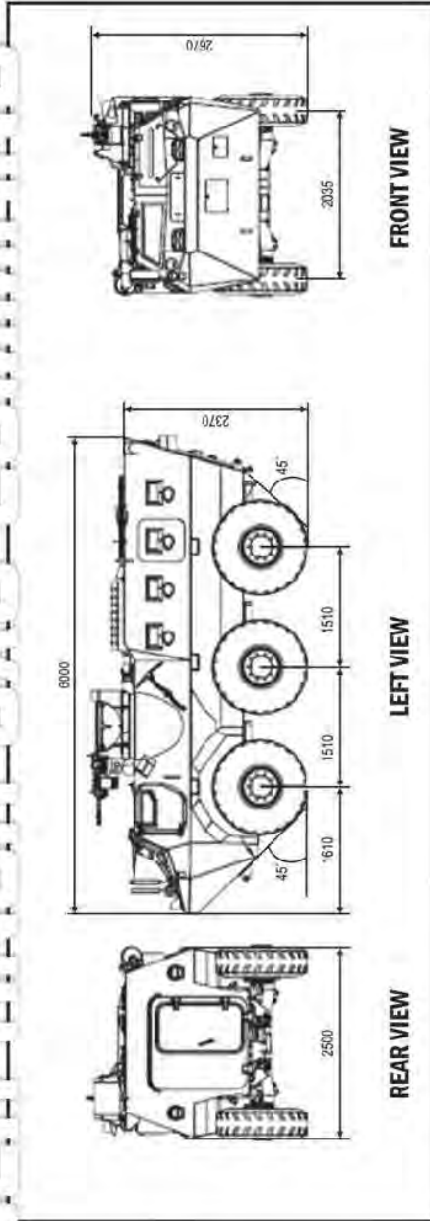
e-mail: info@pindad.com

www.pindad.com

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Ghanem_00000241

PANSEER ANDOR 6x6 COMMAND TYPE



GENERAL

Configuration	: 6 x 6
Crew	: 2 + 5 person
Dimension (LxWxH) mm	: ± (6,000 x 2,500 x 2,370) (hull) ± (6,000 x 2,500 x 2,670) (copula)
Wheel Base	: 1,510 mm
Empty Weight	: ± 12,500 kg
Combat Weight	: ± 14,500 kg
Power to Weight Ratio	: ≥ 20 Hp / ton
Ground Clearance	: ± 400 mm (under axle)
Angle of Approach/Departure	: 45° / 45°

PERFORMANCE

Max. Speed (On road)	: ± 80 km/h
(Off road)	: ± 40 km/h
Max. Gradient	: 60 % (31°)
Max. Side Slope	: 30 % (17°)
Fording Depth	: 1 m
Vertical Obstacle	: 0.40 m
Trench	: ± 0.75 m
Turning Radius	: ≤ 10 m
Fuel Tank	: ± 200 L
Maximum Range	: ± 600 km

(Data subject to change without notice)

TECHNICAL

Engine	: Diesel Engine inline 6 Cylinder 320 HP / 235 kW, Turbo Charger Inter Cooler, Water Cooler, EURO-3 Automatic ZF 6HP502S; 6 forward / 1 reverse Hydraulic Drive Cooling Fan
Transmission	: Monocoque, Armoured Steel Armoured Glass
Engine Cooling System	: Independent Modular with Torsion Bar
Body	: Mechanical Hydraulic Power
Body Protection	: Steering, 2 axle, front & middle 1400 - R20 Runflat Insert Hydropneumatic Control Disc Brake All wheel
Suspension	: 2 x 12V - 100 Amp 24V / 100 Amp
Steering System	: (Battery) (Alternator)
Wheel & Tyre	
Brake System	
Electrical;	

WEAPON SYSTEM

- Smoke Grenade Dischargers : cal. 66 mm; (3 right, 3 left)
- Turret
 - Elevation : -10° s.d +45°
 - Rotation : 360°
 - Operation : Manually

STANDARD EQUIPMENTS

6 ton Electrical Winch, Pioneer Set, Fire Extinguisher, Air Conditioning & Heater, Toolkit Driver, CCTV, Combat Lamp, Blackout Lamp, Horn, Map Lamp, Towing Hook, Camouflage Net, Hydraulic Rear Rampdoor System

COMMAND EQUIPMENTS

Map Table; Command Seat; Filling Cabinet; Map Lamp; Sofi Board; Generator; Shelter Tent

OPTIONAL FEATURES

Communication (AM; FM Radio and Intercom Set; 2 x 12V - 100 Amp battery); GPS; NVG; Fire Suppression System; Add-on Ceramic Armoured; Armament (cal. 7.62 mm or cal. 12.7 mm or AGI cal. 40 mm)

00081847

Ghanem_00000241

**PT PINDAD (PERSERO)**

Jl. Jend Gatot Subroto No 517 Bandung 40284 Indonesia
 Phone : (62-22) 7306655, 7305092 Facsimile : (62-22) 7304095, 7301222
 E-mail : military@pindad.com;

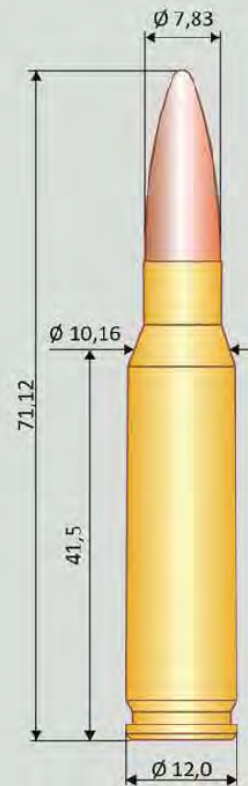
7.62 x 51mm**CARTRIDGE CALIBRE 7.62 x 51 mm BALL****Synonym : 7.62x51 mm NATO ; 0.308 Winchester****Pindad Code MU2-TJ**

NSN :1305-45-000-1804 0006Z

**TECHNICAL DATA**

1. **USE :**
All weapons calibre 7.62x51 mm Chambered to NATO standard, SP1, G3, M14, BM59, FN MAG, L4, MG3, M60 machine guns and so on in similar calibre.
2. **CARTRIDGE**
 - Weight : (24.10 g).
 - Rim Thickness : 1.37 mm.
 - Extractor Diameter : 10.39 mm.
3. **BULLET**
 - Length : 29.10 mm.
 - Weight : 9.45 g. (146 grains)
 - Material :
 - Core : Lead Antimony.
 - Jacket : Brass 90 (CuZn 28).
 - Type : Ball, Pointed boat tail, FMJ.
4. **CASE**
 - Length : 51.18 mm.
 - Material : Brass 72 (CuZn 28).
 - Type : Rimless, Bottleneck and Centerfire.
5. **PRIMER**
 - Type : Non Corrosive, Non Mercuric.
6. **PROPELLANT**
 - Type : Smokeless powder.
7. **CHARACTERISTIC**
 - Average Velocity (V_{10}) : 837 m/s.
 - Average Gas Pressure (P_{max}) : Max 3,600 kg/cm²
 - Accuracy at 100 m : Max. Ø 14 cm (ES) 10 rounds
8. **PACKING.**
 - 8.1 **PACKING BY CARTON BOX.**
 - 1 Carton Box : 20 Rounds.
 - 1 PVC Bag : 200 Rounds (10 Carton boxes).
 - 1 Plastic Box : 1,200 Rounds (6 PVC bags)
 - 8.2 **PACKING BY METAL LINK.**
 - 1 Linked : 100 Rounds.
 - 1 Carton box : 100 Rounds (1 Linked).
 - 1 Bandoleer : 100 rounds (1 Carton box).
 - 1 Metallic box : 300 rounds (3 Bandoleer).
 - 1 Plastic Box : 600 rounds

(2 Metallic boxes in a Alluminium Foil bag).

Ammunition Products Catalogue
2011

AMMUNITION

054

**PT PINDAD (PERSERO)**

Jl. Jend Gatot Subroto No 517 Bandung 40284 Indonesia
 Phone : (62-22) 7306655, 7305092 Facsimile : (62-22) 7304095, 7301222
 E-mail : military@pindad.com;

7.62 x 51mm

CARTRIDGE CALIBRE 7.62 x 51 mm BLANK

Pindad Code MU2-H

NSN :1305-45-000-1806 0006Z

**TECHNICAL DATA****1. USE :**

For the automatic or semi automatic rifles calibre 7.62 x 51 mm
 NATO standard with a blank firing device Ø 5 mm.

2. CARTRIDGE

- Weight : (12.95 g).
- Rim Thickness : 1.37 mm.
- Extractor Diameter : 10.39 mm.

3. CASE

- Material : Brass 72 (CuZN 28).
- Type : Rimless, Bottleneck and Centerfire.

4. PRIMER

- Type : Non Corrosive, Non Mercuric.

5. PROPELLANT

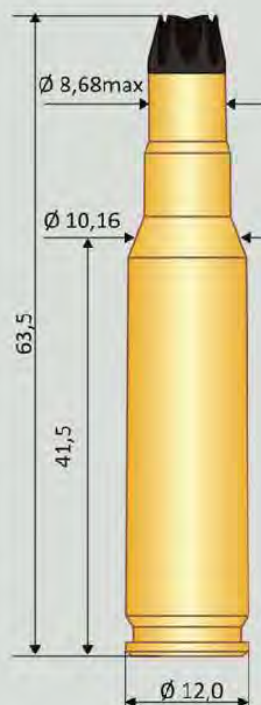
- Type : Smokeless powder.

6. CHARACTERISTIC

- Sound level : Min. 90 dB.
(5 m Distance from Muzzle).
- Safety : None of cartridges fired can pierce an approx 0.10 mm thick paper target at 5 m distance from muzzle.

7. PACKING

- 1 Rack : 20 Rounds.
- 1 Carton Box : 20 Rounds (1 Rack).
- 1 PVC Bag : 200 Rounds (10 Carton boxes).
- 1 Plastic Box : 1,400 Rounds (7 PVC bags).



Ammunition Products Catalogue
 2011

AMMUNITION

055

**PT PINDAD (PERSERO)**

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 Phone : (62-22) 7306655, 7305092 Facsimile : (62-22) 7304095,7301222
 E-mail : military@pindad.com;

7.62 x 51mm**CARTRIDGE CALIBRE 7.62 x 51 mm TRACER****Pindad Code MU2-N**

NSN 1305-45-000-1805 0006Z

**TECHNICAL DATA****1. USE:**

All weapons calibre 7.62x51 mm Chambered to NATO standard, SP1, G3, M14, BM59, FN MAG, L4, MG3, M60 machine guns and so on in similar calibre.

2. CARTRIDGE

- Weight : (24.10 g).
- Rim Thickness : 1.37 mm.
- Extractor Diameter : 10.39 mm.

3. BULLET

- Length : 33.95 mm.
- Weight : 9.15 g.(142 Grains)
- Material :
 - Core : Lead Antimony+Tracer composition.
 - Jacket : Brass 90 (CuZn 10).
- Type : Flat Base Spitzer, FMJ.

4. CASE

- Length : 51.18 mm.
- Material : Brass 72 (CuZn 28).
- Type : Rimless, Bottleneck and Centerfire.

5. PRIMER

- Type : Non Corrosive, Non Mercuric.

6. PROPELLANT

- Type : Smokeless powder.

7. CHARACTERISTIC

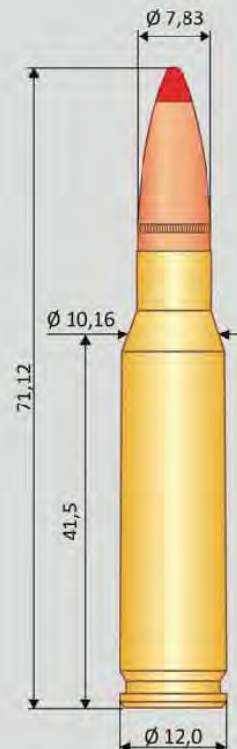
- Average Velocity (V_{10}) : 837 m/s.
- Average Gas pressure(\bar{P}_{max}) : Max. 3,300 kg/cm².
- Individual Gas Pressure : Max. 3,600 kg/cm².
- Accuracy at 100 m : Max. 15 Cm (ES) 10 rounds.
- Tracer Performance : Full Brightness 137 m to 777 m.

8. PACKING.**8.1 PACKING BY CARTON BOX.**

- 1 Carton Box : 20 Rounds.
- 1 PVC Bag : 200 Rounds (10 Carton boxes).
- 1 Plastic Box : 1,200 Rounds (6 PVC bags)

8.2 PACKING WITH MU2-TJ BY METAL LINK.

- 1 Linked (4B+1T) : 100 Rounds (80Ball+20Tracer).
- 1 Carton box : 100 Rounds (1 Linked).
- 1 Bandoleer : 100 Rounds (1 karton box).
- 1 Metallic box : 300 Rounds (3 Bandoleer).
- 1 Plastic Box : 600 Rounds (2 Metallic boxes).



AMMUNITION

**PT PINDAD (PERSERO)**

Jl. Jend Gatot Subroto No 517 Bandung 40284 Indonesia
 Phone : (62-22) 7306655, 7305092 Facsimile : (62-22) 7304095, 7301222
 E-mail : military@pindad.com;

7.62 x 51mm**CARTRIDGE CALIBRE 7.62 x 51 mm SNIPER****Synonym : 7.62x51 mm NATO; 0.308 Winchester****Pindad Code MU2-TJS**

NSN :1305-45-000-1823 0006Z

**TECHNICAL DATA****1. USE:**

The weapons calibre 7.62x51 mm notably sniper and others in similar calibre with 12" twist length.

2. CARTRIDGE

- Weight : (23.86 g).
- Rim Thickness : 1.37 mm.
- Extractor Diameter : 10.39 mm.

3. BULLET

- Length : 31.95 mm.
- Weight : 10.88 g (168 grains).
- Material :
 - Core : Lead Antimony.
 - Jacket : Brass 90 (CuZn 10).
- Type : Jacketed Hollow Point Boat Tail (HPBT).

4. CASE

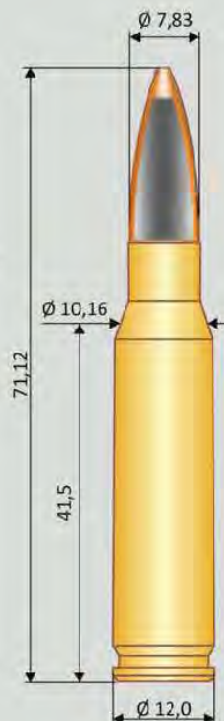
- Length : 51.18 mm.
- Material : Brass 72 (CuZn 28).
- Type : Rimless, Bottleneck and Centerfire.

5. PRIMER, Type : Berdan, Non Corrosive, Non Mercuric.**6. PROPELLANT, Type** : Smokeless powder.**7. CHARACTERISTIC**

- Average Velocity (V_{10}) : 760 m/s.
- Average Gas Pressure (\bar{P} max) : Max. 3,300 kg/cm².
- Individual Gas Pressure : Max. 3,600 kg/cm².
- Accuracy at 600 m : $\leq \varnothing$ 15 Cm.

8. PACKING

- 1 Rack : 20 rounds.
- 1 Carton Box : 20 rounds (1 Rack).
- 1 PVC Bag : 200 rounds (10 Carton boxes).
- 1 Plastic Box : 800 rounds (4 PVC Bags).

Ammunition Products Catalogue
2011

057

AMMUNITION

CASE NO. CR 15-0704 (A)-SJO
UNITED STATES OF AMERICA
VS. GHANEM
PLAINTIFF'S EXHIBIT 623
DATE _____ IDEN.
DATE _____ EVID.
BY _____
DEPUTY CLERK
AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Thursday, May 7, 2015 1:40 AM
To: omarazeez <omarazeez@live.com>
Subject: 7.62x51 ammunition
Attach: 054 MU2-TJ.jpg; 055 MU2-H.jpg; 056 MU2-N.jpg; 057 MU2-TJS.jpg

Omar, please see attached file for deferent models of the 7.62x51 ammunition, please send it to Mr. Wael's guys and let them study it and see which one fits the requirements for the Egyptian army.

Thanks

Rami Ghanem

Gateway to Egypt. (GTE)

Complex 133, Building 7, Apartment 32
Al Rehab City, Cairo Egypt
Telephone# 00201127999552
International #: +37282432246
Jordan Office

Tel: 962 6 5685624
Fax: 962 6 5685625
ramithe@gmail.com or rami@caravaname.com
US Telephone: 772 675-4363 Skype Address: caravaname

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Life is short.. So love your life.. Be happy.. And Keep smiling.. and

Before you speak »Listen
Before you write »Think
Before you spend »Earn
Before you pray »Forgive
Before you hurt »Feel
Before you hate »Love
Before you quit »Try
Before you die »Live

That's Life...

7.62 x 51mm**CARTRIDGE CALIBRE 7.62 x 51 mm BALL****Synonym : 7.62x51 mm NATO ; 0.308 Winchester****Pindad Code MU2-TJ**

NSN :1305-45-000-1804 0006Z

**TECHNICAL DATA****1. USE :**

All weapons calibre 7.62x51 mm Chambered to NATO standard, SP1, G3, M14, BM59, FN MAG, L4, MG3, M60 machine guns and so on in similar calibre.

2. CARTRIDGE

- Weight : (24.10 g).
- Rim Thickness : 1.37 mm.
- Extractor Diameter : 10.39 mm.

3. BULLET

- Length : 29.10 mm.
- Weight : 9.45 g. (146 grains)
- Material :
 - Core : Lead Antimony.
 - Jacket : Brass 90 (CuZn 10).
- Type : Ball, Pointed boat tail, FMJ.

4. CASE

- Length : 51.18 mm.
- Material : Brass 72 (CuZn 28).
- Type : Rimless, Bottleneck and Centerfire.

5. PRIMER

- Type : Non Corrosive, Non Mercuric.

6. PROPELLANT

- Type : Smokeless powder.

7. CHARACTERISTIC

- Average Velocity (V_{10}) : 837 m/s.
- Average Gas Pressure (Pmax) : Max 3,600 kg/cm²
- Accuracy at 100 m : Max. Ø 14 cm (ES) 10 rounds

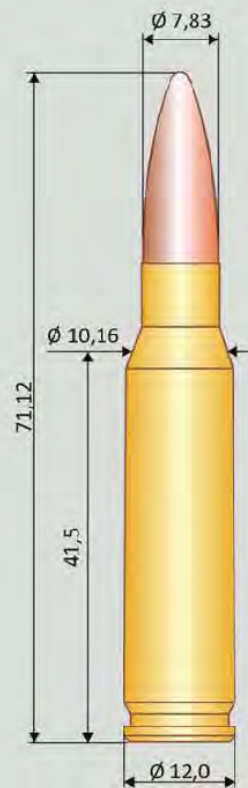
8. PACKING.**8.1 PACKING BY CARTON BOX.**

- 1 Carton Box : 20 Rounds.
- 1 PVC Bag : 200 Rounds (10 Carton boxes).
- 1 Plastic Box : 1,200 Rounds (6 PVC bags)

8.2 PACKING BY METAL LINK.

- 1 Linked : 100 Rounds.
- 1 Carton box : 100 Rounds (1 Linked).
- 1 Bandoleer : 100 rounds (1 Carton box).
- 1 Metallic box : 300 rounds (3 Bandoleer).
- 1 Plastic Box : 600 rounds

(2 Metallic boxes in a Alluminium Foil bag).



7.62 x 51mm**CARTRIDGE CALIBRE 7.62 x 51 mm BLANK****Pindad Code MU2-H**

NSN :1305-45-000-1806 0006Z

**TECHNICAL DATA****1. USE :**

For the automatic or semi automatic rifles calibre 7.62 x 51 mm
NATO standard with a blank firing device Ø 5 mm.

2. CARTRIDGE

- Weight : (12.95 g).
- Rim Thickness : 1.37 mm.
- Extractor Diameter : 10.39 mm.

3. CASE

- Material : Brass 72 (CuZN 28).
- Type : Rimless, Bottleneck and Centerfire.

4. PRIMER

- Type : Non Corrosive, Non Mercuric.

5. PROPELLANT

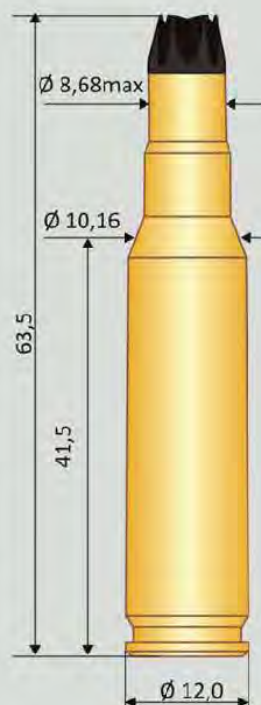
- Type : Smokeless powder.

6. CHARACTERISTIC

- Sound level : Min. 90 dB.
(5 m Distance from Muzzle).
- Safety : None of cartridges fired can pierce an approx 0.10 mm thick paper target at 5 m distance from muzzle.

7. PACKING

- 1 Rack : 20 Rounds.
- 1 Carton Box : 20 Rounds (1 Rack).
- 1 PVC Bag : 200 Rounds (10 Carton boxes).
- 1 Plastic Box : 1,400 Rounds (7 PVC bags).



7.62 x 51mm

CARTRIDGE CALIBRE 7.62 x 51 mm TRACER

Pindad Code MU2-N

NSN 1305-45-000-1805 0006Z

**TECHNICAL DATA****1. USE:**

All weapons calibre 7.62x51 mm Chambered to NATO standard, SP1, G3, M14, BM59, FN MAG, L4, MG3, M60 machine guns and so on in similar calibre.

2. CARTRIDGE

- Weight : (24.10 g).
- Rim Thickness : 1.37 mm.
- Extractor Diameter : 10.39 mm.

3. BULLET

- Length : 33.95 mm.
- Weight : 9.15 g. (142 Grains)
- Material :
 - Core : Lead Antimony+Tracer composition.
 - Jacket : Brass 90 (CuZn 10).
- Type : Flat Base Spitzer, FMJ.

4. CASE

- Length : 51.18 mm.
- Material : Brass 72 (CuZn 28).
- Type : Rimless, Bottleneck and Centerfire.

5. PRIMER

- Type : Non Corrosive, Non Mercuric.

6. PROPELLANT

- Type : Smokeless powder.

7. CHARACTERISTIC

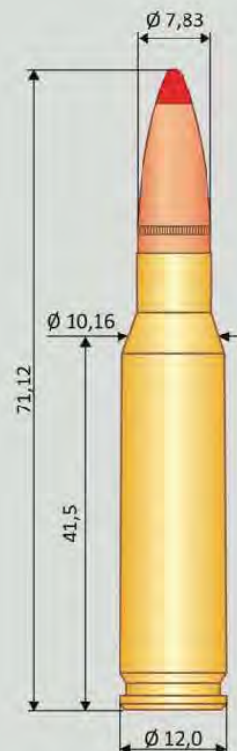
- Average Velocity (V_{10}) : 837 m/s.
- Average Gas pressure (\bar{P}_{max}) : Max. 3,300 kg/cm².
- Individual Gas Pressure : Max. 3,600 kg/cm².
- Accuracy at 100 m : Max. 15 Cm (ES) 10 rounds.
- Tracer Performance : Full Brightness 137 m to 777 m.

8. PACKING.**8.1 PACKING BY CARTON BOX.**

- 1 Carton Box : 20 Rounds.
- 1 PVC Bag : 200 Rounds (10 Carton boxes).
- 1 Plastic Box : 1,200 Rounds (6 PVC bags)

8.2 PACKING WITH MU2-TJ BY METAL LINK.

- 1 Linked (4B+1T) : 100 Rounds (80Ball+20Tracer).
- 1 Carton box : 100 Rounds (1 Linked).
- 1 Bandoleer : 100 Rounds (1 karton box).
- 1 Metallic box : 300 Rounds (3 Bandoleer).
- 1 Plastic Box : 600 Rounds (2 Metallic boxes).



AMMUNITION

7.62 x 51mm

CARTRIDGE CALIBRE 7.62 x 51 mm SNIPER

Synonym : 7.62x51 mm NATO; 0.308 Winchester

Pindad Code MU2-TJS

NSN :1305-45-000-1823 0006Z

**TECHNICAL DATA****1. USE:**

The weapons calibre 7.62x51 mm notably sniper and others in similar calibre with 12" twist length.

2. CARTRIDGE

- Weight : (23.86 g).
- Rim Thickness : 1.37 mm.
- Extractor Diameter : 10.39 mm.

3. BULLET

- Length : 31.95 mm.
- Weight : 10.88 g (168 grains).
- Material :
 - Core : Lead Antimony.
 - Jacket : Brass 90 (CuZn 10).
- Type : Jacketed Hollow Point Boat Tail (HPBT).

4. CASE

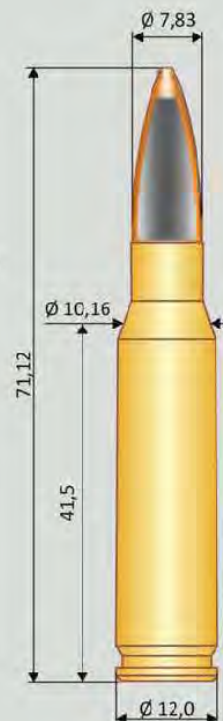
- Length : 51.18 mm.
- Material : Brass 72 (CuZn 28).
- Type : Rimless, Bottleneck and Centerfire.

5. PRIMER, Type : Berdan, Non Corrosive, Non Mercuric.**6. PROPELLANT, Type** : Smokeless powder.**7. CHARACTERISTIC**

- Average Velocity (V_{i2}) : 760 m/s.
- Average Gas Pressure (\bar{P} max) : Max.3,300 kg/cm².
- Individual Gas Pressure : Max.3,600 kg/cm².
- Accuracy at 600 m : $\leq \varnothing$ 15 Cm .

8. PACKING

- 1 Rack : 20 rounds.
- 1 Carton Box : 20 rounds (1 Rack).
- 1 PVC Bag : 200 rounds (10 Carton boxes).
- 1 Plastic Box : 800 rounds (4 PVC Bags).

Ammunition Products Catalogue
2011

057

AMMUNITION

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 624

DATE _____ IDEN.

DATE _____ EVID.

BY _____

DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Saturday, May 9, 2015 4:19 AM
To: CARE TRANSENERGY LTD <gd@caretransenergy.com>
Subject: FW: 1300 k ammunition
Attach: 11 001.jpg; 12 001.jpg

Goran, attached 2 files for the requirements of the Egyptian Army for 7.62 x 51 mm Linked QTY 1,400,000.

Regards

Rami Ghanem

Gateway to Egypt. (GTE)

11 Aflaton Street. Ismailia Square. 5th floor.

Heliopolis. Cairo . Egypt.

Office : +20224157990

International Mobile #: +37282432246

Telephone# +201127999552/Viber, WhatsApp/MyChat

US Telephone: + 1 772 675-4363

ramithe@gmail.com

Skype Address: caravaname

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SECTION 1
GENERAL CONDITIONS

- 1.1 Object: This request for quotation (RFQ) is to provide the Government of EGYPT (GOE) with Cartridge 7.62x51mm linked, [(4) Ball M80 + (1) Tracer M62] or equivalent with link M13 fired from M240 machine gun.
- 1.2 General Conditions:
- 1.2.1 The offered ammunition must be in conformity with specifications in section 2.
- 1.2.2 The offered ammunitions and all its components should be manufactured according to the military standards.
- 1.3 The quotation should include the following:
- 1.3.1 Full technical and tactical specification of the offered ammunitions.
- 1.3.2 Year of production of the offered ammunition.
- 1.3.3 Time of delivery.
- 1.3.4 Complete acceptance tests procedures and criteria of pass, retest and reject (according to the military standard) for the requested ammunition.
- 1.3.5 Relevant experience and skills of the company.
- 1.3.6 Catalogs & CD's for all of the company's products for farther cooperation (optional).
- 1.4 Mechanical conditions:
- 1.4.1 The offered ammunitions should withstand all tests according to military standards.
- 1.4.2 The bidder must be the manufacturer of the requested ammunition.
- 1.4.3 The year of production of the ammunition and its component should be new and manufactured in the year of signing the contract.
- 1.4.4 The quotation should be submitted in original and three copies in English language and should be valid for at least (6) months after closing date.
- 1.4.5 The delivery should be within (12) months after signing the contract.
- 1.4.6 Closing date is : / / 2015
- 1.5 Contracting articles:
- 1.5.1 Delivery: the supplier undertakes to supply FCA
- 1.5.2 Period of guarantee: the supplier guarantees the offered ammunition for period of (24) months after its arrival and final acceptance.
- 1.5.3 Inspection:
- 1.5.3.1 The inspection & testing of the ammunition and its components are according to the military standard including static tests and firing (safety - environmental - performance -....etc) witnessed by Egyptian representatives in the supplier's country and GOE is responsible for the air tickets and accommodation for the inspectors.
- 1.5.3.2 The supplier shall inspect on his own responsibility and expenses the contracted items.
- 1.5.4 Taxes and duties: all due charges at the seller country will be done by the seller & in-country charges will be done by the buyers.
- 1.5.5 Payments: according to contracting terms.

Copy No.7

SECTION 2
Technical Specifications For Quotation

2.1 Scope: This request for quotation (RFQ) is to provide the Government of EGYPT (GOE) with Cartridge 7.62×51 mm linked, [(4) Ball M80 + (1) Tracer M62] or equivalent with link M13 fired from M240 machine gun

2.2 The quotation must include the following:

2.2.1 Technical data of the ammunition and its components (drawing with main dimensions, weight of projectile and its components, primer and propellant, production year, usage limitations, shelf life, packing specifications, point of originetc).

2.2.2 Complete ballistic data (muzzle velocity, maximum and mean pressure at normal and high temperature, standard deviation of the velocity and pressure, tracer time, dispersion, maximum range,....etc) .

2.2.3 A copy of the acceptance tests according to Military Standard used to test the components and the complete ammunition.

2.2.4 Manuals for ammunition's long term storage requirements, maintenance and repair.

2.3 The Quantities & Specification of the Required Items

CLIN	ITEM	QUANTITY
1	Cartridge 7.62×51 mm linked, [(4) Ball M80 + (1) Tracer M62] or equivalent with link M13 fired from M240 machine gun.	1400000
<ul style="list-style-type: none"> - The Requested ammunition is Fired From M240 machine gun. - Nominal velocity of projectile: 838 m/sec at 23.7m from muzzle. - Nominal chamber pressure ≤ 3515 kg/cm². - Nominal cartridge length: 71.1mm - The requested quantity will be determined during financial negotiations. - Include in the proposal (if available) for the same machine gun and the same quantity a proposal including the required above specifications for the types: <ul style="list-style-type: none"> - Cartridge 7.62×51 mm linked, (4) AP(1) + AP-T with link M13. - Cartridge 7.62×51 mm linked, (4) API(1) + API-T with link M13. - Cataloges of your propudction for the ammunition. 		

Copy No.7

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 625

DATE _____ IDEN.

DATE _____ EVID.

BY _____

DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Monday, May 11, 2015 2:37 AM
To: military@pindad.com
Subject: FW: new Business for Egypt
Attach: 054 MU2-TJ.jpg; 056 MU2-N.jpg; Power of attorney.docx

Dear Mrs. Meny Mulyany,

Thank you so much for your email, we did checked with the customer and they requested the quotation for the attached items, and the process for the quotation as follow:

- You submit the offer in the name of the customer
- The mean offer have to be for MU2-N and 2nd alternative one for MU 2-TJ
- You add for our company %15 commission
- Over all offer have to be for %50 of your factory offer
- As soon as our technical offer is approved then our company as you representative for this offer will be called for negotiation and then we will go down %35 on the pricesnormal procedure in Egyptian military procurements.
- Offer validity for 90-120 days
- You prepare a power of attorney for the offer to our company (see attached sample)
- You send us by email all technical offer, financial offer, factory brochures,
- You send original offer by DHL to the following address:

Ministry of Defense
Military Intelligence Department
Military Attaché Branch
Cairo – Arab Republic of Egypt

You send me a copy of DHL we send it to the customer for farther follow up.

I hope the above information re very clear for us to move forward.

Thanking you in advance.

Best Regards

Rami Ghanem

Gateway to Egypt. (GTE)

11 Aflaton Street. Ismailia Square. 5th floor.

Heliopolis. Cairo . Egypt.

Office : +20224157990

International Mobile #: +37282432246

Telephone# +201127999552/Viber, WhatsApp/MyChat

US Telephone: + 1 772 675-4363

ramithe@gmail.com

Skype Address: caravaname

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From: PP Prodml [mailto:military@pindad.com]

Sent: Thursday, May 7, 2015 9:38 AM

To: Rami Ghanem

Cc: Dadang Suganda; Neny Mulyany; Windu Paramarta; Diajeng Ratna Audia

Subject: Re: new Business for Egypt

Dear Mr. Rami Ghanem,

Thank you for the last conversation we had on the phone and the email as further confirmation. We will follow up regarding the quotation that you asked. We will proceed your request soon. But before we give our quoted price of those required ammunition, kindly confirm us whether the specification we had met the specification you need, as our specification attached. Really looking forward for your confirmation. Also, kindly ask you to send us your company profile as our reference.

Thank you and regards,

Neny Mulyany (Mrs.)

Sales Manager

Sales Division

Directorate of Defence and Security Products

PT. Pindad (Persero)

From: Rami Ghanem

Ghanem_00000241

Ghanem_Sentencing_00000523

Sent: Thursday, May 07, 2015 1:09 PM
To: military@pindad.com
Subject: new Business for Egypt

Attention: Neny
International Military export
PT. Pindad (Persero)

Dear Sir/Mam,

In reference to my phone call to your office of today, I was informed to send an email to your attention for our wish to work with your company for the supply of our customer (Egyptian Armed Forces) your Ammunitions and also your 6X6 APC, for now please see attached file for the RFQ of the 7.62x51 ammunition, quantity of 1,400,000. Please advise if you can send an offer, based on your approval then I can send you the process for submitting an offer for the customer directly.

Also can you send me your electronic catalogue which have your complete line of products produces by your company.

Thanking you in advance.

Best Regards

Rami Ghanem

Gateway to Egypt. (GTE)

Complex 133, Building 7, Apartment 32
Al Rehab City, Cairo Egypt
Telephone# 00201127999552
International #: +37282432246

ramithe@gmail.com

US Telephone: 772 675-4363 Skype Address: [caravaname](#)

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Life is short.. So love your life.. Be happy.. And Keep smiling.. and

Before you speak »Listen
Before you write »Think

Ghanem_00000241

Ghanem_Sentencing_00000524

Before you spend »Earn
Before you pray »Forgive
Before you hurt »Feel
Before you hate »Love
Before you quit »Try
Before you die »Live

That's Life...

**PT PINDAD (PERSERO)**

Jl. Jend Gatot Subroto No 517 Bandung 40284 Indonesia
 Phone : (62-22) 7306655, 7305092 Facsimile : (62-22) 7304095, 7301222
 E-mail : military@pindad.com;

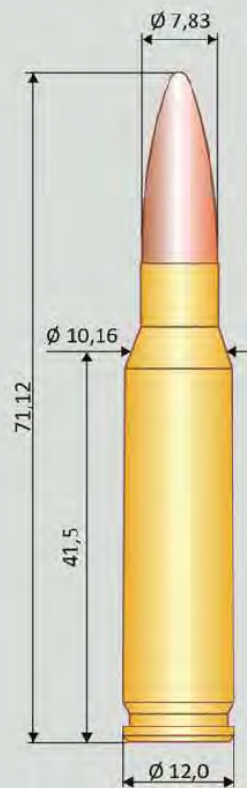
7.62 x 51mm**CARTRIDGE CALIBRE 7.62 x 51 mm BALL****Synonym : 7.62x51 mm NATO ; 0.308 Winchester****Pindad Code MU2-TJ**

NSN :1305-45-000-1804 0006Z

**TECHNICAL DATA**

1. **USE :**
All weapons calibre 7.62x51 mm Chambered to NATO standard, SP1, G3, M14, BM59, FN MAG, L4, MG3, M60 machine guns and so on in similar calibre.
2. **CARTRIDGE**
 - Weight : (24.10 g).
 - Rim Thickness : 1.37 mm.
 - Extractor Diameter : 10.39 mm.
3. **BULLET**
 - Length : 29.10 mm.
 - Weight : 9.45 g. (146 grains)
 - Material :
 - Core : Lead Antimony.
 - Jacket : Brass 90 (CuZn 10).
 - Type : Ball, Pointed boat tail, FMJ.
4. **CASE**
 - Length : 51.18 mm.
 - Material : Brass 72 (CuZn 28).
 - Type : Rimless, Bottleneck and Centerfire.
5. **PRIMER**
 - Type : Non Corrosive, Non Mercuric.
6. **PROPELLANT**
 - Type : Smokeless powder.
7. **CHARACTERISTIC**
 - Average Velocity (V_{10}) : 837 m/s.
 - Average Gas Pressure (P_{max}) : Max 3,600 kg/cm²
 - Accuracy at 100 m : Max. Ø 14 cm (ES) 10 rounds
8. **PACKING.**
 - 8.1 **PACKING BY CARTON BOX.**
 - 1 Carton Box : 20 Rounds.
 - 1 PVC Bag : 200 Rounds (10 Carton boxes).
 - 1 Plastic Box : 1,200 Rounds (6 PVC bags)
 - 8.2 **PACKING BY METAL LINK.**
 - 1 Linked : 100 Rounds.
 - 1 Carton box : 100 Rounds (1 Linked).
 - 1 Bandoleer : 100 rounds (1 Carton box).
 - 1 Metallic box : 300 rounds (3 Bandoleer).
 - 1 Plastic Box : 600 rounds

(2 Metallic boxes in a Alluminium Foil bag).





Jl. Jend Gatot Subroto No 517 Bandung 40284 Indonesia
 Phone : (62-22) 7306655, 7305092 Facsimile : (62-22) 7304095, 7301222
 E-mail : military@pindad.com;

7.62 x 51mm

CARTRIDGE CALIBRE 7.62 x 51 mm TRACER

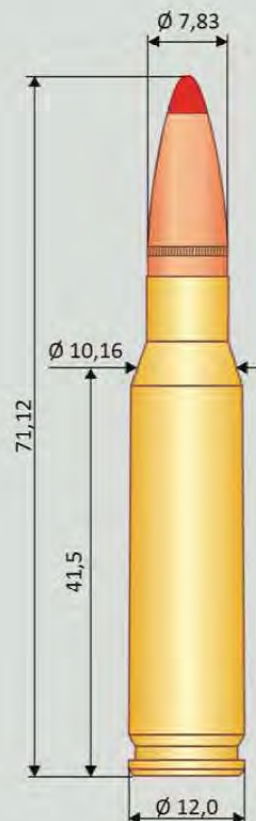
Pindad Code MU2-N

NSN 1305-45-000-1805 0006Z



TECHNICAL DATA

1. **USE :**
All weapons calibre 7.62x51 mm Chambered to NATO standard, SP1, G3, M14, BM59, FN MAG, L4, MG3, M60 machine guns and so on in similar calibre.
2. **CARTRIDGE**
 - Weight : (24.10 g).
 - Rim Thickness : 1.37 mm.
 - Extractor Diameter : 10.39 mm.
3. **BULLET**
 - Length : 33.95 mm.
 - Weight : 9.15 g.(142 Grains)
 - Material :
 - Core : Lead Antimony+Tracer composition.
 - Jacket : Brass 90 (CuZn 10).
 - Type : Flat Base Spitzer, FMJ.
4. **CASE**
 - Length : 51.18 mm.
 - Material : Brass 72 (CuZn 28).
 - Type : Rimless, Bottleneck and Centerfire.
5. **PRIMER**
 - Type : Non Corrosive, Non Mercuric.
6. **PROPELLANT**
 - Type : Smokeless powder.
7. **CHARACTERISTIC**
 - Average Velocity (V_{10}) : 837 m/s.
 - Average Gas pressure (\bar{P}_{max}) : Max. 3,300 kg/cm².
 - Individual Gas Pressure : Max. 3,600 kg/cm².
 - Accuracy at 100 m : Max. 15 Cm (ES) 10 rounds.
 - Tracer Performance : Full Brightness 137 m to 777 m.
8. **PACKING.**
 - 8.1 **PACKING BY CARTON BOX.**
 - 1 Carton Box : 20 Rounds.
 - 1 PVC Bag : 200 Rounds (10 Carton boxes).
 - 1 Plastic Box : 1,200 Rounds (6 PVC bags)
 - 8.2 **PACKING WITH MU2-TJ BY METAL LINK.**
 - 1 Linked (4B+1T) : 100 Rounds (80Ball+20Tracer).
 - 1 Carton box : 100 Rounds (1 Linked).
 - 1 Bandoleer : 100 Rounds (1 kardon box).
 - 1 Metallic box : 300 Rounds (3 Bandoleer).
 - 1 Plastic Box : 600 Rounds (2 Metallic boxes).



AMMUNITION

00081267

Ghanem_00000241

Ghanem_Sentencing_00000527

To whom it my concern

Reference #

To: Arab Republic of Egypt

Ministry of Defense

Armament Authority

Date:

POWER OF ATTORNEY

We, the undersigned XXXXXXXX. Located in XXXXXXXXX. Country XXXXXXXX, represented by general manager XXXXXXXXXX

AUTHORIZE

Gateway to Egypt Company, Cairo, Egypt, represented By Mr. Omar Abdel Aziz Mostafa Zoheiry, to act on behalf of our company in territory of Egypt doing the Market research, submitting offers and negotiating, all for the purpose of promoting the business activities of XXXXXXXXXXXXX, in Egypt.

Power of attorney herewith is valid until 31 December 2015.

Authorized Signature position

Name & Signature & Stamp

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 626

DATE _____ IDEN.

DATE _____ EVID.

BY _____

DEPUTY CLERK

AO 386

From: Wael Fareed <wael_fareed@yahoo.com>
Sent: Monday, November 3, 2014 1:17 AM
To: Rami Ghanem <ramithe@gmail.com>; omarazeez <omarazeez@live.com>
Subject: Re: Motor UTD-20

Send me the quotation, we can submit it to AA and see if they are still interested in it, after that I'll let you know to send a copy through the official channel.

Sincerely

Wael Fareed

Military Truck Parts, Inc.
Business Development Manager
Cairo Representative Office
Address: 56 Ramsis St. - Roxy
Heliopolis - Cairo
Egypt
Tel.: +202 24518318
Fax: +202 24540650
Mobile: +20100191066

On Sunday, November 2, 2014 12:08 PM, Rami Ghanem <ramithe@gmail.com> wrote:

Dear Wael Baik,

Please advise me on the next step for us to move with the Howitzers deal, the Serbian company are very interested in the project.

Thanks & Regards

Rami Ghanem

Gateway to Egypt. (GTE)
Complex 122, Building 16, Apartment 42
Al Rehab City, Cairo Egypt
Telephone# 00201127999552
Jordan Office
Tel: 962 6 5685624 Ext.104
Fax: 962 6 5685625 Mobile: 962 787 321 000
ramithe@gmail.com or rami@caravaname.com
US Telephone: 772 675-4363 Skype Address: **caravaname**

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Life is short.. So love your life.. Be happy.. And Keep smiling.. and

Before you speak »Listen

Before you write »Think
Before you spend »Earn
Before you pray »Forgive
Before you hurt »Feel
Before you hate »Love
Before you quit »Try
Before you die »Live

That's Life...

From: Wael Farid [mailto:wael_fareed@yahoo.com]
Sent: Saturday, November 1, 2014 7:06 PM
To: omazeez
Cc: Omar Abdel aziz; ramithe@gmail.com
Subject: Re: Motor UTD-20

What's the year of production?

Sent from my iPhone

On Nov 1, 2014, at 5:45 PM, omazeez <omazeez@live.com> wrote:

Sent from Samsung Mobile

----- Original message -----

From: omar abd el aziz <omazeez@live.com>
Date: 01/11/2014 16:49 (GMT+02:00)
To: omar abd el aziz <omazeez@live.com>, omaziz@link.net
Subject: FW: Motor UTD-20

From: ramithe@gmail.com
To: omazeez@live.com
Subject: FW: Motor UTD-20
Date: Fri, 31 Oct 2014 09:25:23 +0200

Omar,

Please open the attachment, this motors for BMP-1 and BMP-2, all

Ghanem_00000241

Ghanem_Sentencing_00000531

new from Russian army. with warranty 500 hours or 1 year.

Our cost \$17000 each

Check with Kader factory and see how they will use it, some entity from Egypt are looking for such engine.

Regards

Rami Ghanem

Gateway to Egypt. (GTE)

Complex 122, Building 16, Apartment 42

Al Rehab City, Cairo Egypt

Telephone# 00201127999552

Jordan Office

Tel: 962 6 5685624 Ext.104

Fax: 962 6 5685625 Mobile: 962 787 321 000

ramithe@gmail.com or rami@caravaname.com

US Telephone: 772 675-4363 Skype Address: **caravaname**

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Life is short.. So love your life.. Be happy.. And Keep smiling.. and

Before you speak »Listen
Before you write »Think
Before you spend »Earn
Before you pray »Forgive
Before you hurt »Feel
Before you hate »Love
Before you quit »Try
Before you die »Live

That's Life...

<ATT00001>

<???-20, ? 1.jpeg>

<ATT00002>

<???-20, ??? 2.jpeg>

<???-20, ??? 3.jpeg>

<ATT00003>

<???-20, ??? 4.jpeg>

<ATT00004>

<???-20, ??? 5.jpeg>

<ATT00005>

<???-20, ??? 6.jpeg>

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 627

DATE _____ IDEN.

DATE _____ EVID.

BY _____
DEPUTY CLERK

AO 386

From: omarazeez <omarazeez@live.com>
Sent: Sunday, November 2, 2014 5:23 AM
To: Rami Ghanem <ramithe@gmail.com>
Subject:

This is urgent request meaning the response should be within few days MoD needs the following:

RBJ7

107mm launchers

BM21 launcher and ammo

Mortars 81 82 60 120

14.5mm twin gun with ammo

Ammo 7.62x51

Ammo 7.62x54

23mm twin gun

Any small arms

From stock and the earliest delivery

I need your quick response please

Sent from Samsung Mobile

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 628

DATE _____ IDEN.

DATE _____ EVID.

BY _____
DEPUTY CLERK

AO 386

From: Stoyan Barzakov <sgbarzakov@gmail.com>
Sent: Wednesday, November 5, 2014 7:23 AM
To: Rami Ghanem <ramithe@gmail.com>
Subject: Re: FW: تحويل: عدد رقم 3
Attach: Egypt Offer_wepons_ammo_05-11-2014 as sent.docx

Dear Rami,

please find attached the Egypt offer as per their instructions.

Kind regards,

Stoyan

On Mon, Nov 3, 2014 at 9:08 PM, Rami Ghanem <ramithe@gmail.com> wrote:

Attached the type of APC they are looking for, the company have 4 types, they are looking for 50 of each.

Regards

DEFCON S. A.

Cuba Ave., 34th Street, Building No. 34-20, Panama, Republic of Panama

E-mail: defconvv@gmail.com

- Consultancy
- Training

- Programming
- Trade

To Whom It May Concern

Dear Sirs,

We are pleased to submit above offer for your kind consideration. The details are as under:

| No | Description | Condition | QTY | Unit Price
FCA/FOB
US\$ |
|----|-----------------------------------|------------|---------|-------------------------------|
| 1 | 14,5 x 114 mm cartridge | from stock | 3000000 | 8.45 |
| 2 | 23 mm Machine Gun Double Barrel | from stock | 20 | 104,000.00 |
| 3 | 23 mm Round | from stock | 3000000 | 20.08 |
| | | new | | 52.00 |
| 4 | 14,5 x 114 mm Machine Gun | from stock | 300 | 15 600.00 |
| 5 | 60 mm Mortar Round | new | 10,000 | 128.07 |
| 6 | 81 mm Mortar Round | new | 10,000 | 126.00 |
| 7 | 82 mm Mortar Round | new | 10,000 | 127.04 |
| 8 | 120 mm Mortar Round | new | 10,000 | 305.05 |
| 9 | 7,62 x 39 mm Machine Gun PKM | from stock | 800 | 3 120.00 |
| 10 | RPG - 7 Launcher | from stock | 1000 | 2 340.00 |
| 11 | 7,62 mm Assault Rifle AKM(S) - 47 | from stock | 15 000 | 374.40 |
| 12 | BM – 21 rocket system | overhauled | 20 | 182 000.00 |
| 13 | 122 mm Round for BM 21 | from stock | 10,000 | 1404.00 |
| | | new | | 2197.00 |

- **Delivery Terms:**

- **FCA(FOB) - INCOTERMS 2000;**
- **Delivery – according co-ordinate schedule**

- **Payment:**

50 % - down payment.

50 % - paid after receiving the Export License and

before shipping;

- **Validity of the offer: December 01, 2014**

For any further questions or clarifications please do not hesitate to contact us.

We hope that our quotation will be to your complete satisfaction and we look forward to receiving your purchase order.

Yours sincerely,

A handwritten signature in dark ink, appearing to read 'V. Ivanoff', is written over the printed name.

V. Ivanoff

Commercial Representative

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 629

DATE _____ IDEN.

DATE _____ EVID.

BY _____

DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Wednesday, November 5, 2014 11:39 AM
To: moav <moav@012.net.il>
Subject: FW: Egypt new requirements

Sender,

I received the following request from Egypt Army:

RBJ-7

107mm launchers

BM21 launcher and ammo

Mortars 81 82 60 120

14.5mm twin gun with ammo

Ammo 7.62x51

Ammo 7.62x54

23mm twin gun

Any small arms from stock and the earliest delivery

They are looking for a very fast delivery from the stock only now new items are required, please read it and prices it also add to it whatever extra items you have available for sale, we must have a company in East Europe to make the offer for us.

Regards

Rami Ghanem

Gateway to Egypt. (GTE)

Complex 122, Building 16, Apartment 42

Al Rehab City, Cairo Egypt

Telephone# 00201127999552

Jordan Office

Tel: 962 6 5685624 Ext.104

Fax: 962 6 5685625 Mobile: 962 787 321 000

ramithe@gmail.com or rami@caravaname.com

US Telephone: 772 675-4363 Skype Address: caravaname

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Before you write »Think
Before you spend »Earn
Before you pray »Forgive
Before you hurt »Feel
Before you hate »Love
Before you quit »Try
Before you die »Live

That's Life...

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 630

DATE _____ IDEN.

DATE _____ EVID.

BY _____

DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Thursday, November 6, 2014 5:50 AM
To: omar abd el aziz <omarazeez@live.com>
Subject: Egypt Offer_wepons_ammo_05-11-2014 as sent.docx
Attach: Egypt Offer_wepons_ammo_05-11-2014 as sent.docx

DEFCON S. A.

Cuba Ave., 34th Street, Building No. 34-20, Panama, Republic of Panama
E-mail: defconvv@gmail.com

-
- | | |
|---|--|
| <ul style="list-style-type: none"> • Consultancy • Training | <ul style="list-style-type: none"> • Programming • Trade |
|---|--|
-

To Whom It May Concern

Dear Sirs,

We are pleased to submit above offer for your kind consideration. The details are as under:

| No | Description | Condition | QTY | Unit Price
FCA/FOB
US\$ |
|----|-----------------------------------|------------|---------|-------------------------------|
| 1 | 14,5 x 114 mm cartridge | from stock | 3000000 | 8.45 |
| 2 | 23 mm Machine Gun Double Barrel | from stock | 20 | 104,000.00 |
| 3 | 23 mm Round | from stock | 3000000 | 20.08 |
| | | new | | 52.00 |
| 4 | 14,5 x 114 mm Machine Gun | from stock | 300 | 15 600.00 |
| 5 | 60 mm Mortar Round | new | 10,000 | 128.07 |
| 6 | 81 mm Mortar Round | new | 10,000 | 126.00 |
| 7 | 82 mm Mortar Round | new | 10,000 | 127.04 |
| 8 | 120 mm Mortar Round | new | 10,000 | 305.05 |
| 9 | 7,62 x 39 mm Machine Gun PKM | from stock | 800 | 3 120.00 |
| 10 | RPG - 7 Launcher | from stock | 1000 | 2 340.00 |
| 11 | 7,62 mm Assault Rifle AKM(S) - 47 | from stock | 15 000 | 374.40 |
| 12 | BM – 21 rocket system | overhauled | 20 | 182 000.00 |
| 13 | 122 mm Round for BM 21 | from stock | 10,000 | 1404.00 |
| | | new | | 2197.00 |

- **Delivery Terms:**

- **FCA(FOB) - INCOTERMS 2000;**
- **Delivery – according co-ordinate schedule**

- **Payment:**

50 % - down payment.
50 % - paid after receiving the Export License and

before shipping;

- **Validity of the offer: December 01, 2014**

For any further questions or clarifications please do not hesitate to contact us.

We hope that our quotation will be to your complete satisfaction and we look forward to receiving your purchase order.

Yours sincerely,

A handwritten signature in dark ink, appearing to read 'V. Ivanoff', is written over the printed name.

V. Ivanoff

Commercial Representative

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 631

DATE _____ IDEN.

DATE _____ EVID.

BY _____

DEPUTY CLERK

AO 386

From: omaraziz <omaraziz@link.net>
Sent: Sunday, November 9, 2014 6:20 AM
To: Rami Ghanem <ramithe@gmail.com>
Subject: Fwd:
Attach: cover letter.docx

Sent from Samsung Mobile

----- Original message -----

From: omar abd el aziz <omarazeez@live.com>
Date: 08/11/2014 15:51 (GMT+02:00)
To: omar abd el aziz <omarazeez@live.com>, omaraziz@link.net
Subject:

To: Arab Republic of Egypt

Date : 8-11-2014

Ministry of Defense

Armament Authority

Subj: Ready-to-ship equipment

Please find attached our quotation and information on various weapons .

We hope to meet your requirements and please do not hesitate to contact us in

case you need any more inquiries looking forward to your mutual agreement.

Sincerely yours

Omar Abdel Aziz

Chairman

Email : omarazeez@live.com

| No | Description | Condition | QTY | Unit Price
FCA/FOB
US\$ |
|----|-----------------------------------|------------|---------|-------------------------------|
| 1 | 14,5 x 114 mm cartridge | from stock | 3000000 | 8.45 |
| 2 | 23 mm Machine Gun Double Barrel | from stock | 20 | 104,000.00 |
| 3 | 23 mm Round | from stock | 3000000 | 20.08 |
| | | new | | 52.00 |
| 4 | 14,5 x 114 mm Machine Gun | from stock | 300 | 15 600.00 |
| 5 | 60 mm Mortar Round | new | 10,000 | 128.07 |
| 6 | 81 mm Mortar Round | new | 10.000 | 126.00 |
| 7 | 82 mm Mortar Round | new | 10,000 | 127.04 |
| 8 | 120 mm Mortar Round | new | 10,000 | 305.05 |
| 9 | 7,62 x 39 mm Machine Gun PKM | from stock | 800 | 3 120.00 |
| 10 | RPG - 7 Launcher | from stock | 1000 | 2 340.00 |
| 11 | 7,62 mm Assault Rifle AKM(S) - 47 | from stock | 15 000 | 374.40 |
| 12 | BM – 21 rocket system | overhauled | 20 | 182 000.00 |
| 13 | 122 mm Round for BM 21 | from stock | 10,000 | 1404.00 |
| | | new | | 2197.00 |

For any further questions or clarifications please do not hesitate to contact us.

We hope that our quotation will be to your complete satisfaction and we look forward to receiving your purchase order.

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 632

DATE _____ IDEN.

DATE _____ EVID.

BY _____

DEPUTY CLERK

AO 386

From: Rami Ghanem S4 <ramithe@gmail.com>
Sent: Wednesday, November 12, 2014 4:23 AM
To: Tomer Dragon <tomerd@dragonacehk.com>
Subject: Egypt

This is urgent request meaning the response should be within few days MoD needs the following:

RBJ7

107mm launchers

BM21 launcher and ammo

Mortars 81 82 60 120

14.5mm twin gun with ammo

Ammo 7.62x51

Ammo 7.62x54

23mm twin gun

Any small arms

From stock and the earliest delivery

I need your quick response please

Sent from Samsung Mobile.

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 633

DATE _____ IDEN.

DATE _____ EVID.

BY _____

DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Tuesday, November 18, 2014 3:46 PM
To: omar abd el aziz <omarazeez@live.com>
Cc: Wael Fareed <wael_fareed@yahoo.com>
Subject: FW: COOPERATION

THE READY STOCK NOW IN OUR POSESSION IS :

1. 122 MM GRAD BM 21 - 30 000 PCS.
950 USD / PCS --ZERO PROFIT PRICE.
2. AKM - 10 000 PCS
175 USD / PCS--ZERO PROFIT PRICE.

THE FULL LIST I WILL SEND YOU SOON.

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 634

DATE _____ IDEN.

DATE _____ EVID.

BY _____
DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Tuesday, January 13, 2015 7:18 AM
To: Office@partizantech.rs
Subject: New RFQ for Egypt
Attach: Cartridge 762X51 mm Linked.pdf

Dear Sir,

Our common friend Mr. David gave me your contact to follow up with you and see if you are able to work with our company on the attached project for the supply of the Egyptian Army with cartridge 7.62X51 mm Linked, please see attached file for the complete terms and conditions, please consider this request as an urgent one and let us know your decision

Hoping to hear back from you soon.

Best Regards

Rami Ghanem

Caravana Middle East CME

Behind ABC Bank, Al-Shmeisani
Abdul Al-Rahim Al- Waked St. - Shmeisani, Bldg. No. 42
P.O. Box 830589
Amman-11183 Jordan
Tel: 962 6 5685624 Ext.104
Fax: 962 6 5685625 Mobile: International #: +37282432246

ramithe@gmail.com or rami@caravaname.com

US Telephone: 772 675-4363 Skype Address: caravaname

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Before you speak »Listen
Before you write »Think
Before you spend »Earn
Before you pray »Forgive
Before you hurt »Feel
Before you hate »Love
Before you quit »Try

Before you die »Live

That's Life...

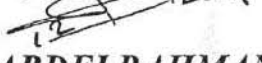
RFQ
Request For Quotation

CARTRIDGE 7.62×51mm, LINKED

This (RFQ) Consists of:

Section # 1: General Conditions

Section # 2: Technical Specifications

SIGNATURE ()
MG. STAFF/ HESHAM ABDELRAHMAN ELKHATIB
DIRECTOR OF ARMAMENT & AMMUNITION DEPARTMENT

Copy No.3

SECTION 1
GENERAL CONDITIONS

- 1.1 **Object:** This request for quotation (RFQ) is to provide the Government of EGYPT (GOE) with Cartridge 7.62x51mm linked, [(4) Ball M80 + (1) Tracer M62] or equivalent with link M13 fired from M240 machine gun.
- 1.2 **General Conditions:**
- 1.2.1 The offered ammunition must be in conformity with specifications in section 2.
- 1.2.2 The offered ammunitions and all its components should be manufactured according to the military standards.
- 1.3 **The quotation should include the following:**
- 1.3.1 Full technical and tactical specification of the offered ammunitions.
- 1.3.2 Year of production of the offered ammunition.
- 1.3.3 Time of delivery.
- 1.3.4 Complete acceptance tests procedures and criteria of pass, retest and reject (according to the military standard) for the requested ammunition.
- 1.3.5 Relevant experience and skills of the company.
- 1.3.6 Catalogs & CD's for all of the company's products for farther cooperation (optional).
- 1.4 **Mechanical conditions:**
- 1.4.1 The offered ammunitions should withstand all tests according to military standards.
- 1.4.2 The bidder must be the manufacturer of the requested ammunition.
- 1.4.3 The year of production of the ammunition and its component should be new and manufactured in the year of signing the contract.
- 1.4.4 The quotation should be submitted in original and three copies in English language and should be valid for at least (6) months after closing date.
- 1.4.5 The delivery should be within (12) months after signing the contract.
- 1.4.6 Closing date is : / / 2015
- 1.5 **Contracting articles:**
- 1.5.1 **Delivery:** the supplier undertakes to supply FCA
- 1.5.2 **Period of guarantee:** the supplier guarantees the offered ammunition for period of (24) months after its arrival and final acceptance.
- 1.5.3 **Inspection:**
- 1.5.3.1 The inspection & testing of the ammunition and its components are according to the military standard including static tests and firing (safety - environmental -performance -....etc) witnessed by Egyptian representatives in the supplier's country and GOE is responsible for the air tickets and accommodation for the inspectors.
- 1.5.3.2 The supplier shall inspect on his own responsibility and expenses the contracted items.
- 1.5.4 **Taxes and duties:** all due charges at the seller country will be done by the seller & in-country charges will be done by the buyers.
- 1.5.5 **Payments:** according to contracting terms.

Copy No.3

Ghanem_00000241

Ghanem_Sentencing_00000560

SECTION 2
Technical Specifications For Quotation

2.1 Scope: This request for quotation (RFQ) is to provide the Government of EGYPT (GOE) with Cartridge 7.62×51 mm linked, [(4) Ball M80 + (1) Tracer M62] or equivalent with link M13 fired from M240 machine gun

2.2 The quotation must include the following:

2.2.1 Technical data of the ammunition and its components (drawing with main dimensions, weight of projectile and its components, primer and propellant , production year, usage limitations, shelf life, packing specifications, point of originetc).

2.2.2 Complete ballistic data (muzzle velocity, maximum and mean pressure at normal and high temperature, standard deviation of the velocity and pressure, tracer time, dispersion, maximum range,....etc) .

2.2.3 A copy of the acceptance tests according to Military Standard used to test the components and the complete ammunition.

2.2.4 Manuals for ammunition's long term storage requirements, maintenance and repair.

2.3 The Quantities & Specification of the Required Items

| CLIN | ITEM | QUANTITY |
|---|---|----------|
| 1 | Cartridge 7.62×51 mm linked, [(4) Ball M80 + (1) Tracer M62] or equivalent with link M13 fired from M240 machine gun. | 1400000 |
| <ul style="list-style-type: none"> - The Requested ammunition is Fired From M240 machine gun. - Nominal velocity of projectile: 838 m/sec at 23.7m from muzzle. - Nominal chamber pressure $\leq 3515 \text{ kg/cm}^2$. - Nominal cartridge length: 71.1mm - The requested quantity will be determined during financial negotiations. - Include in the proposal (if available) for the same machine gun and the same quantity a proposal including the required above specifications for the types: <ul style="list-style-type: none"> - Cartridge 7.62×51 mm linked, (4) AP(1) + AP-T with link M13. - Cartridge 7.62×51 mm linked, (4) API(1) + API-T with link M13. - Cataloges of your propudction for the ammunition. | | |

Copy No.3

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 635

DATE _____ IDEN.

DATE _____ EVID.

BY _____

DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Tuesday, January 13, 2015 7:11 AM
To: Vahe Shamiryan <shtrikh@yahoo.com>
Subject: NEW RFQ for Egypt
Attach: 270.PDF

Dear Ibrahim

Please find attached RFQ for ammo, it's an urgent matter so please find source from Russia (preferred) or the countries to which the RFQ was published, there is no time to republish to new countries.

The last page of the RFQ is not to be sent to the source, please handle with a great deal of confidentiality.

I hope the response is enhanced than before.

Regards

Rami Ghanem

Gateway to Egypt. (GTE)

Complex 122, Building 16, Apartment 42

Al Rehab City, Cairo Egypt

Telephone# 00201127999552

International #: +37282432246

Jordan Office

Tel: 962 6 5685624

Fax: 962 6 5685625

ramithe@gmail.com or rami@caravaname.com

US Telephone: 772 675-4363 Skype Address: caravaname

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Before you hurt »Feel
Before you hate »Love
Before you quit »Try
Before you die »Live

That's Life...


RFQ
Request For Quotation

CARTRIDGE 7.62×51mm, LINKED

This (RFQ) Consists of:

Section # 1: General Conditions

Section # 2: Technical Specifications

SIGNATURE ()
MG. STAFF/ HESHAM ABDELRAHMAN ELKHATIB
DIRECTOR OF ARMAMENT & AMMUNITION DEPARTMENT

Copy No.3

SECTION 1
GENERAL CONDITIONS

- 1.1 **Object:** This request for quotation (RFQ) is to provide the Government of EGYPT (GOE) with Cartridge 7.62×51mm linked, [(4) Ball M80 + (1) Tracer M62] or equivalent with link M13 fired from M240 machine gun.
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- 1.4.2 The bidder must be the manufacturer of the requested ammunition.
- 1.4.3 The year of production of the ammunition and its component should be new and manufactured in the year of signing the contract.
- 1.4.4 The quotation should be submitted in original and three copies in English language and should be valid for at least (6) months after closing date.
- 1.4.5 The delivery should be within (12) months after signing the contract.
- 1.4.6 Closing date is : / / 2015
- 1.5 **Contracting articles:**
- 1.5.1 **Delivery:** the supplier undertakes to supply FCA
- 1.5.2 **Period of guarantee:** the supplier guarantees the offered ammunition for period of (24) months after its arrival and final acceptance.
- 1.5.3 **Inspection:**
- 1.5.3.1 The inspection & testing of the ammunition and its components are according to the military standard including static tests and firing (safety - environmental -performance -....etc) witnessed by Egyptian representatives in the supplier's country and GOE is responsible for the air tickets and accommodation for the inspectors.
- 1.5.3.2 The supplier shall inspect on his own responsibility and expenses the contracted items.
- 1.5.4 **Taxes and duties:** all due charges at the seller country will be done by the seller & in-country charges will be done by the buyers.
- 1.5.5 **Payments:** according to contracting terms.

Copy No.3

SECTION 2
Technical Specifications For Quotation

2.1 Scope: This request for quotation (RFQ) is to provide the Government of EGYPT (GOE) with Cartridge 7.62×51 mm linked, [(4) Ball M80 + (1) Tracer M62] or equivalent with link M13 fired from M240 machine gun

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2.2.3 A copy of the acceptance tests according to Military Standard used to test the components and the complete ammunition.

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2.3 The Quantities & Specification of the Required Items

| CLIN | ITEM | QUANTITY |
|---|---|----------|
| 1 | Cartridge 7.62×51 mm linked, [(4) Ball M80 + (1) Tracer M62] or equivalent with link M13 fired from M240 machine gun. | 1400000 |
| <ul style="list-style-type: none"> - The Requested ammunition is Fired From M240 machine gun. - Nominal velocity of projectile: 838 m/sec at 23.7m from muzzle. - Nominal chamber pressure ≤ 3515 kg/cm². - Nominal cartridge length: 71.1mm - The requested quantity will be determined during financial negotiations. - Include in the proposal (if available) for the same machine gun and the same quantity a proposal including the required above specifications for the types: <ul style="list-style-type: none"> - Cartridge 7.62×51 mm linked, (4) AP(1) + AP-T with link M13. - Cartridge 7.62×51 mm linked, (4) API(1) + API-T with link M13. - Catalogues of your production for the ammunition. | | |

Copy No.3

RFQ Data:**RFQ No.:**

| | | | | | | | | | |
|------------|-----|---------|-----|--------|--|-----------|----|-----------|--|
| Washington | | London | | Paris | | Berlin | | Rome | |
| Pyongyang | | Tokyo | | Madrid | | Pretoria | | Prague | |
| Bucharest | 201 | Beijing | 220 | Seoul | | New Delhi | 40 | Ankara | |
| Islam Abad | 15 | Moscow | 236 | Athens | | Brasilia | | Abu Dhabi | |

| | |
|-----------------------|------------|
| Issuance date: | 31/12/2014 |
| Closing date: | 28/02/2015 |

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 636

DATE _____ IDEN.

DATE _____ EVID.

BY _____

DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Wednesday, February 25, 2015 3:38 PM
To: gd@caretransenergy.com
Subject: also

Also can you provide me with the specifications for the following:

12,7x99 mm
30x210mm M68

Also if you can provide me with any items you can add to the shipment.

Thanks:

Rami Ghanem

Gateway to Egypt. (GTE)

Complex 133, Building 7, Apartment 32

Al Rehab City, Cairo Egypt

Telephone# 00201127999552

International #: +37282432246

Jordan Office

Tel: 962 6 5685624

Fax: 962 6 5685625

ramithe@gmail.com or rami@caravaname.com

US Telephone: 772 675-4363 Skype Address: caravaname

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Life is short.. So love your life.. Be happy.. And Keep smiling.. and

Before you speak »Listen
Before you write »Think
Before you spend »Earn
Before you pray »Forgive
Before you hurt »Feel
Before you hate »Love

Before you quit »Try
Before you die »Live

That's Life...

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 637

DATE _____ IDEN.

DATE _____ EVID.

BY _____

DEPUTY CLERK

AO 386

From: CARE TRANSENERGY LTD <gd@caretransenergy.com>
Sent: Friday, May 15, 2015 5:59 AM
To: Rami Ghanem <ramithe@gmail.com>
Subject: FW: Municija 7,62 x 51
Attach: 762x51linked.jpg, 762mm008.jpg, 762mm009.jpg, 762mm010.jpg

Dear Rami

We got 1st quotation form factory Igman Doo for mention ammunition price offered is 492 Euro for 1000 pcs linked on M13 as is request on specification you send it.

In total is 688 800 Euro. Please advise future steps

Price is on FCA base without transportation as is mention in requested documents. Offer will be made form company named "GIM Export Import DOO" from Serbia.

Goran Djordjevic
CEO
Care Transenergy Ltd
tel: +35795112327
gd@caretransenergy.com
www.caretransenergy.com



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SECTION 2
Technical Specifications For Quotation

2.1 Scope: This request for quotation (RFQ) is to provide the
with Cartridge 7.62×51 mm linked, [(4) Ball M80 +
(1) Tracer M62] or equivalent with link M13 fired from M240 machine gun

2.2 The quotation must include the following:

2.2.1 Technical data of the ammunition and its components (drawing with main dimensions, weight of projectile and its components, primer and propellant, production year, usage limitations, shelf life, packing specifications, point of originetc).

2.2.2 Complete ballistic data (muzzle velocity, maximum and mean pressure at normal and high temperature, standard deviation of the velocity and pressure, tracer time, dispersion, maximum range,....etc) .

2.2.3 A copy of the acceptance tests according to Military Standard used to test the components and the complete ammunition.

2.2.4 Manuals for ammunition's long term storage requirements, maintenance and repair.

2.3 The Quantities & Specification of the Required Items

| CLIN | ITEM | QUANTITY |
|--|---|----------|
| 1 | Cartridge 7.62×51 mm linked, [(4) Ball M80 + (1) Tracer M62] or equivalent with link M13 fired from M240 machine gun. | 1400000 |
| <ul style="list-style-type: none"> - The Requested ammunition is Fired From M240 machine gun. - Nominal velocity of projectile: 838 m/sec at 23.7m from muzzle. - Nominal chamber pressure ≤ 3515 kg/cm². - Nominal cartridge length: 71.1mm - The requested quantity will be determined during financial negotiations. - Include in the proposal (if available) for the same machine gun and the same quantity a proposal including the required above specifications for the types: <ul style="list-style-type: none"> - Cartridge 7.62×51 mm linked, (4) AP(1) + AP-T with link M13. - Cartridge 7.62×51 mm linked, (4) API(1) + API-T with link M13. - Cataloges of your produdction for the ammunition. | | |

Copy No.7

7.62 x 51mm M80 Ball**General**

Used for:

- Semi - Automatic Rifles 7.62 L1A1, G3, SP-3 PIN-DAD
- Automatic Rifles 7.62 FAL M77, SP-3 PINDAD
- Light Machine Gun 7.62 M 53/77
- Machine Gun 7.62:18 "KAMPUR" MAG, LNAI, LNA2, M60, M52

Technical Data

| | |
|---------------|----------|
| <i>Length</i> | 71.12 mm |
| <i>Weight</i> | 24.00 g |

Ballistic Data

| | |
|---------------------------|---------------|
| <i>Maximum Pressure</i> | 3447 bar |
| <i>Muzzle velocity</i> | 839 ± 9.1 m/s |
| <i>Accuracy (at 549m)</i> | max 0.127 m |

**Technical Description**

The ammunition consists of:

ELEMENT

Bullet *Jacket*
Cora

Cartridge case
Propelling charge
Primer

MATERIAL

Tombac
Lead antimony
Brass
NCD powder
Boxer non corrosive

Packing

| | |
|--------------------|--------------------------|
| <i>Version 1</i> | |
| 20 rounds | in cardboard box |
| 10 cardboard boxes | in PVC bag |
| 5 PVC bags | in wooden case |
| <i>Version 2</i> | |
| 250 rounds | in metal link belt (M13) |
| 1 metal link belt | in metal box (M19A1) |
| 4 metal boxes | in wire bound wooden box |
| <i>Version 3</i> | |
| 250 rounds | in metal link belt (M13) |
| 2 metal link belt | in metal box (M2A1) |
| 2 metal boxes | in wire bound wooden box |

Ammunition

00080230

Ghanem-00072443

7.62 x 51mm M62 Tracer

Technical Data

| | |
|----------------|----------|
| <u>Length:</u> | 71.12 mm |
| <u>Weight:</u> | 23.74 g |

Ballistic Data

| | |
|---------------------------|-------------|
| <u>Maximum Pressure</u> | 3447 bar |
| <u>Muzzle velocity</u> | 817-911 m/s |
| <u>Accuracy (at 549m)</u> | max 0.381 m |

Packing

| | |
|--------------------|--------------------------|
| <u>Version 1</u> | |
| 20 rounds | in cardboard box |
| 10 cardboard boxes | in PVC bag |
| 5 PVC bags | in wooden case |
| <u>Version 2</u> | |
| 250 rounds | in metal link belt (M13) |
| 1 metal link belt | in metal box (M19A1) |
| 4 metal boxes | in wire bound wooden box |
| <u>Version 3</u> | |
| 250 rounds | in metal link belt (M13) |
| 2 metal link belt | in metal box (M2A1) |
| 2 metal boxes | in wire bound wooden box |



General

Used for:

- Semi - Automatic Rifles 7.62 L1A1, G3, SP-3 PIN-DAD
- Automatic Rifles 7.62 FAL M77, SP-3 PINDAD
- Light Machine Gun 7.62 M 53/77
- Machine Gun 7.62:18 "KAMPUR" MAG, L1A1, L1A2, M60, M52

Dim trace to min. 13,7 m from the muzzle of the weapon, visible from max. 92 m to min. 777 m from the muzzle of the weapon.

Technical Description

The ammunition consists of:

| ELEMENT | | MATERIAL |
|-------------------|--------|---------------------|
| Bullet | Jacket | Tombac |
| | Core | Lead antimony |
| | Tracer | Tracer compos. |
| Cartridge case | | Brass |
| Propelling charge | | NCD powder |
| Primer | | Boxer non corrosive |

7.62 x 51mm MG1 AP**General**

Used for:

- Semi - Automatic Rifles 7.62 L1A1, G3, SP-3 PIN-DAD
- Automatic Rifles 7.62 FAL M77, SP-3 PINDAD
- Light Machine Gun 7.62 M 53/77
- Machine Gun 7.62:18 "KAMPUR" MAG, LNAI, LNA2, M60, M52

The bullet of the sample cartridges shall demonstrate complete penetration of 6 mm thick nickel-chromium steel plate target located 100 meters from the weapon.

Technical Description

The ammunition consists of:

ELEMENT

| | | |
|-------------------|--------|---------------------|
| Bullet | Jacket | Tombac |
| | Core | Steel |
| | Core | Lead antimony |
| Cartridge case | | Brass |
| Propelling charge | | NCD powder |
| Primer | | Boxer non corrosive |

**Technical Data**

| | |
|--------|----------|
| Length | 71.12 mm |
| Weight | 24.41 g |

Ballistic Data

| | |
|--------------------|---------------|
| Maximum Pressure | 3447 bar |
| Muzzle velocity | 838 ± 9.1 m/s |
| Accuracy (at 349m) | max 0.191 m |

Packing

| | |
|--------------------|--------------------------|
| Version 1 | |
| 20 rounds | in cardboard box |
| 10 cardboard boxes | in PVC bag |
| 5 PVC bags | in wooden case |
| Version 2 | |
| 250 rounds | in metal link belt (M13) |
| 1 metal link belt | in metal box (M19A1) |
| 4 metal boxes | in wire bound wooden box |
| Version 3 | |
| 250 rounds | in metal link belt (M13) |
| 2 metal link belt | in metal box (M2A1) |
| 2 metal boxes | in wire bound wooden box |

Ammunition

00080232

Ghanem-00072443

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 638

DATE _____ IDEN.

DATE _____ EVID.

BY _____

DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Thursday, May 21, 2015 4:25 AM
To: CARE TRANSENERGY LTD <gd@caretransenergy.com>
Subject: from Iraq

We kindly ask you to provide us with technical and commercial offers based on CIF – Um-Qaser or CIP – BIAP with mentioning the year of production for the following items;

1. short barrel canon – 152mm with accessories, Qty: 11
2. single barrel – 23mm canon, Qty: 12
3. heavy machine gun 14.5mm: Qty: 100
4. SPG9 canon, Qty: 100

Rami Ghanem

Gateway to MENA. (GTM)

Egypt Office

Complex 133, Building 7, Apartment 32

Al Rehab City, Cairo Egypt

International #: +37282432246

Telephone# 00201127999552

Jordan Office

Tel: 962 6 5685624

Fax: 962 6 5685625

ramithe@gmail.com or rami@caravaname.com

US Telephone: 772 675-4363 Skype Address: caravaname

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Life is short.. So love your life.. Be happy.. And Keep smiling.. and

Before you speak »Listen
Before you write »Think
Before you spend »Earn
Before you pray »Forgive
Before you hurt »Feel
Before you hate »Love

Before you quit »Try
Before you die »Live

That's Life...

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 639

DATE _____ IDEN.

DATE _____ EVID.

BY _____

DEPUTY CLERK

AO 386

From: omarazeez <omarazeez@live.com>
Sent: Thursday, July 16, 2015 2:56 PM
To: Rami Ghanem <ramithe@gmail.com>
Subject: Fwd: RFQ
Attach: 110.xlsx

Sent from Samsung Mobile

| List of Required Items | | |
|------------------------|---|-------|
| No. | Description | QTY |
| 1 | AKM Rifle 7.62x39 mm with accessories | 20000 |
| 2 | PKM Machine Gun 7.62x54 mm with accessories | 500 |
| 3 | PKT Machine Gun 7.62x54 mm with accessories | 100 |
| 4 | M59 Machine Gun 7.62x54 mm with accessories | 100 |
| 5 | RPG-7 Rocket Launcher with optics | 500 |
| 6 | DSHK Heavy Machine Gun 12.7x108 mm with Tri-pod and accessories | 200 |

General Conditions:

Items must be brand new and produced during the same year of contracting.

Quotation to be submitted in original and 3 copies in English and valid for 6 months

Delivery within 12 months from the date of signing the

Delivery Term: FCA

Inspection: according to military standard and by 2 officers for 2 weeks at the Supplier's

Certificate of OEM must be submitted for all the contracted items

RFQ No.:

Madrid 86 - Prague 75 - Bucharest 71 - Beijing 78 - New Delhi

23 - Islam Abad 16

Moscow 80 - Athens 48

Issuance date: 13/7/2015

Closing date: 15/8/2015

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 640

DATE _____ IDEN.

DATE _____ EVID.

BY _____
DEPUTY CLERK

AO 386

From: omar abd el aziz <omarazeez@live.com>
Sent: Sunday, July 26, 2015 6:56 AM
To: ramithe@gmail.com
Subject: Urgent RFQ
Attach: 107.pdf

From: wael.farid@toc-group.net
To: omarazeez@live.com
Subject: Urgent RFQ
Date: Sun, 26 Jul 2015 12:28:49 +0300

Please find attached

RFQ Data:**RFQ No.:**

| | | | | | | | | | |
|------------|--|---------|--|--------|----|-----------|--|-----------|--|
| Washington | | London | | Paris | 88 | Berlin | | Rome | |
| Pyongyang | | Tokyo | | Madrid | | Pretoria | | Prague | |
| Bucharest | | Beijing | | Seoul | | New Delhi | | Ankara | |
| Islam Abad | | Moscow | | Athens | | Brasilia | | Abu Dhabi | |
| Rabat | | Riyadh | | | | | | | |

| | |
|-----------------------|------------|
| Issuance date: | 11/07/2015 |
| Closing date: | 30/08/2015 |

TECHNICAL SPECIFICATIONS ,TERMS AND CONDITIONS

- 1.1 - **SUBJECT**: SUPPLY OF SMALL ARMS DIFFERENT CALs.
- 1.2 - **SCOPE**: A.R.E invites the recognized manufacturers to bid for the Government of EGYPT (GOE) with **SMALL ARMS DIFFERENT CALIBERS** according to the attached list.
- 1.3- **REQUIRED QUANTITIES**: As per attached list
- 1.4- **GENERAL CONDITIONS**:
 - 1.4.1 - The offered weapons must be in conformity with the military specifications (you are required to submit a copy of standard with your quotation offer).
 - 1.4.2 - Contracted items must be brand new and produced during the same year of contracting.
- 1.5- **QUOTATION** : Should be submitted in original and three copies in English language and should be valid for at least 6 months after closing date.
- 1.6 - **DELIVERY**: Should be within 12 months after signing the contract.
- 1.7 - **CLOSING DATE**: / /
- 1.8 - **DELIVERY TERM CODE** : FCA.
- 1.9 - **WARRANTY**: Against any defects for all supplied items must be offered.
- 1.10 - **INSPECTION**:
 - 1.10.1- The inspection must be according to the military standard including test and firing for (Environmental – Safety – Performance ...etc) .
 - 1.10.2 - Two officers will attend the inspection at the company for 2 weeks.
- 1.11- **REQUIRED DOCUMENTS**: Technical manuals.
- 1.12- **TRAINING**: Not required.
- 1.13- **CERTIFICATE OF ORIGIN** :
Certificate of **OEM** "original equipment manufacturer " **MUST** be submitted for all contracted items.
- 1.14 - **TAXES & DUTIES**: All due charges at the seller country will be born by the seller & in-country charges will be born by the buyers.
- 1.15- **PAYMENT TERMS**: According to contracting terms.

(RFQ)

REQUEST FOR QUOTATION

SMALL ARMS DIFFERENT CALIBER

SIGNATURE ()

MAJ. GEN STAFF \ ROSHDY ABDELHAMID ABDELAZIZ

DIRECTOR OF ARMAMENT & AMMUNITION DEPARTMENT

Attachment (A)**LIST OF REQUIRED ITEMS**

| NO. | DESCRIPTION | QTY. |
|------------|---|--------------|
| 1 | AKM Rifle 7.62x39 mm with accessories. | 20000 |
| 2 | PKM machine Gun 7.62x54 mm with accessories. | 500 |
| 3 | PKT machine Gun 7.62x54 mm with accessories. | 100 |
| 4 | M59 machine Gun 7.62x54 mm with accessories. | 100 |
| 5 | RPG – 7 Rocket launcher with optics. | 500 |
| 6 | DSHK Heavy machine Gun 12.7x108 mm with Tri-Pod and accessories. | 200 |

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 641

DATE _____ IDEN.

DATE _____ EVID.

BY _____

DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Monday, July 27, 2015 4:48 AM
To: rosexpo@hotmail.com
Cc: naseralqudah@gmail.com
Subject: Fwd: Fwd: Urgent RFQ
Attach: 107.pdf

The required items for Egypt.

Rami Ghanem

--

Sent from myMail app for Android

No virus found in this message.

Checked by AVG - www.avg.com

Version: 2015.0.6086 / Virus Database: 4392/10418 - Release Date: 08/11/15

RFQ Data:**RFQ No.:**

| | | | | | | | | | |
|------------|--|---------|--|--------|----|-----------|--|-----------|--|
| Washington | | London | | Paris | 88 | Berlin | | Rome | |
| Pyongyang | | Tokyo | | Madrid | | Pretoria | | Prague | |
| Bucharest | | Beijing | | Seoul | | New Delhi | | Ankara | |
| Islam Abad | | Moscow | | Athens | | Brasilia | | Abu Dhabi | |
| Rabat | | Riyadh | | | | | | | |

| | |
|-----------------------|------------|
| Issuance date: | 11/07/2015 |
| Closing date: | 30/08/2015 |

TECHNICAL SPECIFICATIONS ,TERMS AND CONDITIONS

- 1.1 - **SUBJECT**: SUPPLY OF SMALL ARMS DIFFERENT CALs.
- 1.2 - **SCOPE**: A.R.E invites the recognized manufacturers to bid for the Government of EGYPT (GOE) with **SMALL ARMS DIFFERENT CALIBERS** according to the attached list.
- 1.3- **REQUIRED QUANTITIES**: As per attached list
- 1.4- **GENERAL CONDITIONS**:
 - 1.4.1 - The offered weapons must be in conformity with the military specifications (you are required to submit a copy of standard with your quotation offer).
 - 1.4.2 - Contracted items must be brand new and produced during the same year of contracting.
- 1.5- **QUOTATION** : Should be submitted in original and three copies in English language and should be valid for at least 6 months after closing date.
- 1.6 - **DELIVERY**: Should be within 12 months after signing the contract.
- 1.7 - **CLOSING DATE**: / /
- 1.8 - **DELIVERY TERM CODE** : FCA.
- 1.9 - **WARRANTY**: Against any defects for all supplied items must be offered.
- 1.10 - **INSPECTION**:
 - 1.10.1- The inspection must be according to the military standard including test and firing for (Environmental – Safety – Performance ...etc) .
 - 1.10.2 - Two officers will attend the inspection at the company for 2 weeks.
- 1.11- **REQUIRED DOCUMENTS**: Technical manuals.
- 1.12- **TRAINING**: Not required.
- 1.13- **CERTIFICATE OF ORIGIN** :
Certificate of **OEM** "original equipment manufacturer " **MUST** be submitted for all contracted items.
- 1.14 - **TAXES & DUTIES**: All due charges at the seller country will be born by the seller & in-country charges will be born by the buyers.
- 1.15- **PAYMENT TERMS**: According to contracting terms.

(RFQ)

REQUEST FOR QUOTATION

SMALL ARMS DIFFERENT CALIBER

SIGNATURE ()

MAJ. GEN STAFF \ ROSHDY ABDELHAMID ABDELAZIZ

DIRECTOR OF ARMAMENT & AMMUNITION DEPARTMENT

Attachment (A)

LIST OF REQUIRED ITEMS

| NO. | DESCRIPTION | QTY. |
|------------|---|--------------|
| 1 | AKM Rifle 7.62x39 mm with accessories. | 20000 |
| 2 | PKM machine Gun 7.62x54 mm with accessories. | 500 |
| 3 | PKT machine Gun 7.62x54 mm with accessories. | 100 |
| 4 | M59 machine Gun 7.62x54 mm with accessories. | 100 |
| 5 | RPG – 7 Rocket launcher with optics. | 500 |
| 6 | DSHK Heavy machine Gun 12.7x108 mm with Tri-Pod and accessories. | 200 |

Ghanem-00072443

CASE NO. CR 15-0704 (A)-SJO

UNITED STATES OF AMERICA

VS. GHANEM

PLAINTIFF'S EXHIBIT 642

DATE _____ IDEN.

DATE _____ EVID.

BY _____

DEPUTY CLERK

AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Tuesday, October 20, 2015 2:05 AM
To: Arizanovic Momcilo <arizanovic.momcilo@gmail.com>
Subject: FW: RFQs Rifle calibre
Attach: l66.pdf; l75.pdf

Rami Ghanem

Gateway to MENA (GTM)

Egypt Office

Complex 133, Building 7, Apartment 32

Al Rehab City, Cairo Egypt

International #: +37282432246

Telephone# 00201127999552

Jordan Office

Tel: 962 6 5685624

Fax: 962 6 5685625

ramithe@gmail.com or rami@caravaname.com

US Telephone: 772 675-4363 Skype Address: [caravaname](#)

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Life is short.. So love your life.. Be happy.. And Keep smiling.. and

Before you speak »Listen
Before you write »Think
Before you spend »Earn
Before you pray »Forgive
Before you hurt »Feel
Before you hate »Love
Before you quit »Try
Before you die »Live

That's Life...

RFQ

REQUEST FOR QUOTATION

QUOTATION REQUEST FOR:

ASSAULT RIFLE CALIBER 5.56 X 45 MM FULLY
AUTOMATIC INCLUDE THE PICATINNY RAIL
ADAPTER AND MAGAZINE SET (4/30 ROUND
MAGAZINES WITH CONNECTOR), RED DOT
SIGHT , TACTICAL LASER AIMING AND
TACTICAL LIGHT ILLUMINATOR

THIS (RFQ) CONSISTS OF:

SECTION 1: GENERAL CONDITIONS

SECTION 2: TECHNICAL SPECIFICATIONS

SIGNATURE ()

*MAJ. GEN STAFF / ROSHDY ABDELHAMID ABDELAZIZ
DIRECTOR OF ARMAMENT & AMMUNITION DEPARTMENT*

SECTION 1
GENERAL CONDITIONS

1.1 - SUBJECT:

A.R.E invites the recognized manufacturers to bid for supplying egyptian army with:
assault rifle caliber 5.56 x 45 mm fully automatic include the picatinny and magazine set (4/30 round magazines with connector), red dot sight, tactical laser aiming and tactical light illuminator in accordance with the following scope and requirements.

1.2- SCOPE:

This request for quotation (RFQ) to provide the Government of EGYPT (GOE) with :
assault rifle caliber 5.56 x 45 mm fully automatic include the picatinny and magazine set (4/30 round magazines with connector), red dot sight, tactical laser aiming and tactical light illuminator according to the list of the required items as per SECTION 2 (Brand New) .

1.3-GENERAL CONDITIONS:

1.3.1 - The offered weapons must be in conformity with specifications in section 2.

1.3.2 - The quotation should include the following:

1.3.2.1- Full technical and tactical specification of assault rifle caliber 5.56 x 45 mm fully automatic include the picatinny and magazine set (4/30 round magazines with connector), red dot sight, tactical laser aiming and tactical light illuminator according to military specifications.

1.3.2.2 - Year of production of the offered weapon.

1.3.2.3 - Time of delivery.

1.4 - Assault rifle caliber 5.56 x 45 mm fully automatic include the picatinny and magazine set (4/30 round magazines with connector), red dot sight, tactical laser aiming and tactical light illuminator should be manufactured According to a military standard.

1.5 - MECHANICAL CONDITIONS:

Assault rifle caliber 5.56 x 45 mm fully automatic include the picatinny and magazine set (4/30 round magazines with connector), red dot sight, tactical laser aiming and tactical light illuminator should withstand all tests (Environmental – Safety – Performance – Firing ...etc) according to a military standard. Test Procedures for the weapon should be stated.

1.6 - The quotation should be submitted in original and three copies in English language and should be Valid for at least 6 months after closing date.

1.7- The delivery should be within 6 months after signing the contract.

1.8 - Closing date is: / /

1.9- Contracting articles: ASSAULT RIFLE CALIBER 5.56 X 45 mm FULLY AUTOMATIC WITH ACCESSORIES.

1.9.1- Delivery: the supplier undertakes to supply FCA.

1.9.2- Warranty: A warranty against any defects for all supplying items should be offered.

1.10 - REQUIREMENTS:

1.10.1 - Operating temperature: -10 to + 55 deg. centigrade.

1.10.2 - Corrosion: The supplier should certify that the materials, processes, coating and finishes used in the weapon resist corrosion in conformity with military standards. The supplier should state accepting treatment of any rusty items, during 5 years period of normal operation, on his expense.

1.11 - DOCUMENTATION:

1.11.1 - Technical manuals.

1.11.2 - Maintenance and operation documents.

1.11.3 - Test and repair documents.

1.11.4 - A copy of the MIL. STD. of testing (Environmental - Safety - Performance - Firing....etc) of the required weapons and its main components including the evaluation criteria.

1.12 - TRAINING :

No training for Assault rifle caliber 5.56 x 45 mm fully automatic include the picatinny and magazine set (4/30 round magazines with connector), red dot sight, tactical laser aiming and tactical light illuminator is required

1.13 - INSPECTION:

1.12.1 - Inspection should be witnessed by (3) Egyptian representatives for (7) days at the company site.

1.12.2 - Inspection must be according to the military standard including test and firing for (Environmental - Safety - Performance - Firing ...etc).

1.14 - CERTIFICATE OF ORIGIN:

Certificate of OEM "Original Equipment Manufacturer" **MUST** be submitted for all contracted items.

1.15 - SPARE PARTS:

A Guarantee of Continuous Supply with Logistic Support (spare parts) for at least 10 Years .

1.16 - TAXES & DUTIES:

All due charges at the seller country will be born by the seller & in-country charges will be born by the buyers.

Payments: according to contracting terms.

SECTION 2
TECHNICAL SPECIFICATIONS FOR
ASSAULT RIFLE CALIBER 5.56 X 45 MM FULLY AUTOMATIC INCLUDE THE PICATINNY
RAIL ADAPTER AND MAGAZINE SET (4/30 ROUND MAGAZINES WITH CONNECTOR),
RED DOT SIGHT , TACTICAL LASER AIMING AND TACTICAL LIGHT ILLUMINATOR

2.1 - SCOPE :

This request for quotation (RFQ) to provide the Government of EGYPT (GOE) with Assault rifle caliber 5.56 x 45 mm fully automatic include the picatinny rail adapter and magazine set (4/30 round magazines with connector), red dot sight , tactical laser aiming and tactical light illuminator (Brand New).

2.2 - PRODUCT QUANTITIES:

| NO. | DESCRIPTION | QTY. |
|-----|--|------|
| 1 | Assault rifle caliber 5.56 x 45 mm fully automatic include the picatinny rail adapter and magazine set (4-30 round magazines with connector | 280 |
| 2 | Red dot sight | 280 |
| 3 | Tactical LASER aiming | 280 |
| 4 | Tactical light illuminator | 280 |
| 5 | Recommended spare parts list is required. | |
| 6 | Sample model for all items must be shipped to be tested and accepted as a condition to put the Contract in effect. | |

2.3- THE QUOTATION MUST INCLUDE THE FOLLOWING:

2.3.1- Specification Assault rifle caliber 5.56 x 45 mm fully automatic include the picatinny rail adapter and magazine set (4/30 round magazines with connector) as follows :

| No. | Data | SPECIFICATION |
|-----|---------------------------------|--------------------------------|
| 1 | CALIBER | 5.56 X 45 |
| 2 | OPERATION | Fully Automatic |
| 3 | RATE OF FIRE | Not less than 900 r/min |
| 4 | TOTAL LENGTH WITH BUTT UNFOLDED | 85 CM |
| 5 | TOTAL LENGTH WITH BUTT FOLDED | 65 CM |
| 6 | WEIGHT (Without Magazine) | Not more than 3.50 kg |
| 7 | WEIGHT (With Magazine) | Not more than 5 kg |
| 8 | MUZELL VELOCITY | Not less than 940 m/second |
| 9 | EFFECTIVE RANG | Not less than 400 Meter |
| 10 | MAXIMUM RANG | Not less than 1500 Meter |
| 11 | NUMBER OF GROOVES | 6 |
| 12 | Firing modes | Single/Burst / Fully automatic |

2.3.2- Red dot sight for Assault rifle caliber 5.56 x 45 mm fully automatic shall conform to Military Standard (Mil-STD-810F) and supported with the following specifications:

| No | Data | SPECIFICATION |
|----|-----------------------|---|
| 1 | AIMING DOT | 3.5 -7 MOA |
| 2 | DOT INTENSITY | Auto adjust and manual up to 4 settings |
| 3 | INTERFACE | Fits existing sight mounts |
| 4 | OPERATING TEMPERATURE | -40 ° to +55° |

2.3.3 Tactical Laser aiming module for Assault rifle caliber 5.56 x 45 mm fully automatic shall conform to Military Standard (Mil-STD-810F) and supported with the following specifications:

| No | Data | SPECIFICATION |
|----|-----------------------|---|
| 1 | LASER POWER / TYPE | 6mw IR (835nm) / 5mw visible (635nm) |
| 2 | BORESIGHT ADJUSTABLE | Must be exist |
| 3 | MOUNTING BRACKET | Interface mounts with different submachine mounts |
| 4 | ENVIRONMENTAL TESTS | According with military standard (MIL-STD-810F) |
| 5 | OPERATING TEMPERATURE | -40 ° to +55° |

2.3.4 Tactical "light illuminator" for Assault rifle caliber 5.56 x 45 mm fully automatic shall conform to Military Standard (Mil-STD-810F) and supported with up to 125 peak lumens / 1 hr runtime

RFQ

REQUEST FOR QUOTATION

QUOTATION REQUEST FOR:

FULLY AUTOMATIC PISTOL Cal.9x19mm
COMPLETE WITH ACCESSORIES

THIS (RFQ) CONSISTS OF:

SECTION 1: GENERAL CONDITIONS

SECTION 2: TECHNICAL SPECIFICATIONS

SIGNATURE ()

MAJ. GEN STAFF / ROSHDY ABDELHAMID ABDELAZIZ

DIRECTOR OF ARMAMENT & AMMUNITION DEPARTMENT

SECTION 1
GENERAL CONDITIONS

1.1 - SUBJECT:

A.R.E invites the recognized manufacturers to bid for supplying egyptian army with:
Fully automatic pistol cal.9x19mm complete with accessories in accordance with the following scope and requirements.

1.2- SCOPE:

This request for quotation (RFQ) to provide the Government of EGYPT (GOE) with Fully automatic pistol cal.9x19mm complete with accessories (Brand New) .

1.3-GENERAL CONDITIONS:

1.3.1 - The offered weapons must be in conformity with specifications in section 2.

1.3.2 - The quotation should include the following:

1.3.2.1- Full technical and tactical specification of Fully automatic pistol cal.9x19 mm:
complete with accessories according to military specifications.

1.3.2.2 - Year of production of the offered weapon.

1.3.2.3 - Time of delivery.

1.4 - Fully automatic pistol cal.9x19mm complete with accessories should be manufactured according to a military standard, the military standard for this weapon should be specified.

1.5 -MECHANICAL CONDITIONS:

Fully automatic pistol cal.9x19mm complete with accessories should withstand all tests (Environmental – Safety – Performance – Firing ...etc) according to a military standard. Test Procedures for the weapon should be stated.

1.6 - The quotation should be submitted in original and three copies in English language and should be Valid for at least 6 months after closing date.

1.7- The delivery should be within 6 months after signing the contract.

1.8 - Closing date is: / /

1.9- Contracting articles: Fully automatic pistol cal.9x19mm complete with accessories.

1.9.1- Delivery: the supplier undertakes to supply FCA.

1.9.2- Warranty: A warranty against any defects for all supplying items should be offered.

1.10 - REQUIREMENTS:

1.10.1- Operating temperature: -10 to + 55 deg. centigrade.

1.10.2- Corrosion: The supplier should certify that the materials, processes, coating and finishes used in the weapon resist corrosion in conformity with military standards. The supplier should state accepting treatment of any rusty items, during 5 years period of normal operation, on his expense.

1.11 - DOCUMENTATION:

1.11.1 - Technical manuals.

1.11.2 - Maintenance and operation documents.

1.11.3 - Test and repair documents.

1.11.4 - A copy of the MIL. STD. of testing (Environmental - Safety - Performance - Firing.....etc) of the required weapons and its main components including the evaluation criteria.

1.12 - TRAINING :

No training for Fully automatic pistol cal.9x19mm is required.

1.13 - INSPECTION:

1.12.1 - Inspection should be witnessed by (2) Egyptian representatives for (7) days at the company site.

1.12.2 - Inspection must be according to the military standard including test and firing for (Environmental - Safety - Performance - Firing ...etc).

1.14 - CERTIFICATE OF ORIGIN:

Certificate of OFM "Original Equipment Manufacturer" MUST be submitted for all contracted items.

1.15 - SPARE PARTS:

A Guarantee of Continuous Supply with Logistic Support (spare parts) for at least 10 Years .

1.16 - TAXES & DUTIES:

All due charges at the seller country will be born by the seller & in-country charges will be born by the buyers.

Payments: according to contracting terms.

SECTION 2
TECHNICAL SPECIFICATIONS

FOR
FULLY AUTOMATIC PISTOL Cal.9x19mm COMPLETE
WITH ACCESSORIES

2.1 - SCOPE :

This request for quotation (RFQ) to provide the Government of EGYPT (GOF) with Fully automatic pistol cal.9x19mm (Brand New).

2.2 - PRODUCT QUANTITY:

| NO. | DESCRIPTION | QTY. |
|--------------------------------|--|------|
| 1 | Fully automatic pistol cal.9x19mm complete with accessories | 65 |
| 2 | Waist hollister | 65 |
| 3 | Shoulder hollister | 65 |
| GENERAL SPECIFICATIONS | | |
| 1- Caliber: | 9x19mm. | |
| 2 - Operation : | Fully Automatic/ Semi Automatic | |
| 3 - Rate of fire : | Not less than 800 r/min | |
| 4 - Finish : | Black | |
| 5- Weight (Without Magazine) : | Not more than 0,650 kg | |
| 6-Magazine Capacity: | 19 Rounds / 33 Rounds | |
| 4 | Recommended spare parts list is required. | |
| 5 | Sample model for all items must be shipped to be tested and accepted as a condition to put the Contract in effect. | |

RFQ Data:

RFQ No.:

| | | | | | | | | | |
|------------|-----|---------|-----|--------|-----|-----------|-----|-----------|-----|
| Washington | 163 | London | | Paris | | Berlin | 171 | Rome | 142 |
| Pyongyang | | Tokyo | | Madrid | 117 | Pretoria | | Prague | 115 |
| Bucharest | 112 | Beijing | 120 | Seoul | | New Delhi | | Ankara | |
| Islam Abad | | Moscow | | Athens | | Brasilia | | Abu Dhabi | |
| Rabat | | Riyadh | | | | | | | |

| | |
|-----------------------|------------|
| Issuance date: | 13/09/2015 |
| Closing date: | 31/10/2015 |

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| NO | ITEM_NAME | PART_NO | REQ | CATALOG | PAGE | FIG | ITEM |
|----|--------------------------|-----------------|-----|---------|------|------|------|
| 1 | ENGINE B-55 | 155-01-001-2 | 25 | T-55 | 1 | | |
| 2 | RADIATOR | 155-02-158-8 | 50 | T-55 | 5 | 12 | |
| 3 | VALVE REDUCTION | 54-02-105B-1A | 300 | T-55 | 10 | 32 | |
| 4 | COCK, DISTRIBUTING, FUEL | 155-05-125B-A | 100 | T-55 | 35 | 221 | |
| 5 | GEAR DRIVING | 155-08-259 | 100 | T-55 | 88 | 428 | |
| 6 | BAR, TORSION COMPRESSOR | 155-08-291A | 200 | T-55 | 33 | 439 | |
| 7 | INDEX POINTER | 54-08-067 | 50 | T-55 | 80 | 507 | |
| 8 | BOLT LOW FRONT GEAR CASE | 54-08-094-4 | 75 | T-55 | 82 | 528 | |
| 9 | NUT BRAKE BAND | 54-10-030 | 200 | T-55 | 101 | 676 | |
| 10 | LEVER | 54-14-18-5 | 100 | T-55 | 109 | 751 | |
| 11 | WASHER TOOTHED | 54-16-023-1B | 100 | T-55 | 119 | 849 | |
| 12 | SHAFT ASSEMBLY | 155-19-305B | 50 | T-55 | 121 | 864 | |
| 13 | PIPE | 155-38-395B-5 | 100 | T-55 | 192 | 3094 | |
| 14 | PIPE | 155-38-475B-5A | 100 | T-55 | 192 | 3096 | |
| 15 | PIPE | 155-38-585B | 100 | T-55 | 192 | 3099 | |
| 16 | PIPE | 155-38-615B-2 | 100 | T-55 | 192 | 3102 | |
| 17 | PIPE | 155-38-625B-2 | 100 | T-55 | 192 | 3103 | |
| 18 | PIPE | 155-38-725B | 100 | T-55 | 192 | 3106 | |
| 19 | PIPE | 155-38-735B | 100 | T-55 | 192 | 3107 | |
| 20 | PIPE | 155-38-795B-R | 100 | T-55 | 193 | 3113 | |
| 21 | VALVE REDUCING | 155-38-835B | 500 | T-55 | 193 | 3115 | |
| 22 | PIPE | 155-38-855B | 100 | T-55 | 193 | 3116 | |
| 23 | PIPE | 155-38-855B-2 | 100 | T-55 | 193 | 3117 | |
| 24 | PIPE | 155-38-875B | 100 | T-55 | 193 | 3118 | |
| 25 | PIPE | 155-38-1045B | 100 | T-55 | 193 | 3119 | |
| 26 | PIPE | 155-38-1055B | 100 | T-55 | 193 | 3120 | |
| 27 | ADAPTER | 155-28-106-5B-A | 100 | T-55 | 193 | 3121 | |
| 28 | PIPE | 155-38-1095B-A | 100 | T-55 | 193 | 3122 | |
| 29 | PIPE | 155-38-1115B-A | 100 | T-55 | 193 | 3123 | |
| 30 | PIPE, W/SHOCK ABSORBER | 155-38-1125B-1 | 100 | T-55 | 193 | 3124 | |

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| NO | ITEM_NAME | PART_NO | REQ | CATALOG | PAGE | FIG | ITEM |
|----|---|----------------|------|---------|------|------|------|
| 31 | VALVE | 155-38-057 | 100 | T-55 | 193 | 3126 | |
| 32 | PIPE | 155-38-128SB | 100 | T-55 | 193 | 3127 | |
| 33 | PIPE | 155-38-131SB-A | 100 | T-55 | 194 | 3130 | |
| 34 | SETTLER | 155-38-132SB | 50 | T-55 | 194 | 3131 | |
| 35 | PIPE | 155-38-134SB | 100 | T-55 | 194 | 3132 | |
| 36 | PIPE | 155-21-27SB | 100 | T-55 | 194 | 3135 | |
| 37 | PIPE | 155-38-082-A | 100 | T-55 | 194 | 3141 | |
| 38 | PIPE | 155-38-133 | 100 | T-55 | 195 | 3149 | |
| 39 | GAUGE,PRESSURE,TYPE MT-1C, 250 Kg/cm2 | 155-38-269A | 100 | T-55 | 195 | 3159 | |
| 40 | UNIT, GEAR REDUCTION | 54-40SB-4A | 50 | T-55 | 200 | 3210 | |
| 41 | PLUG | 54-40-053 | 100 | T-55 | 201 | 3233 | |
| 42 | BUMPER ADJUSTING | 54-41-059 | 50 | T-55 | 203 | 3269 | |
| 43 | CYLINDER | 155-59-198SB-B | 1000 | T-55 | 217 | 3472 | |
| 44 | PUMP | 54-83-78SB-A | 20 | T-55 | 222 | 3556 | |
| 45 | BEARING BALL | 782726 | 100 | T-55 | 297 | 3624 | |
| 46 | ENGINE CLUTCH | 54-07SB-2 | 100 | T-62 | 35 | 389 | |
| 47 | GUN, GREASE, PLUNGER TYPE | 155-28-670SB | 200 | T-62 | 129 | 1899 | |
| 48 | ROPE, TOWING | 54-28-213SB-A | 200 | T-62 | 131 | 1942 | |
| 49 | SYRING, FOR KEROSENE, BLOWING OFF PIPES | 54-28-463SB | 100 | T-62 | 131 | 1950 | |
| 50 | WRENCH S = 27, SOCKET | 54-28-696SB-A | 100 | T-62 | 132 | 1964 | |
| 51 | GREASE GUN, SCREW-TYPE | 54-28-751SB | 100 | T-62 | 132 | 1967 | |
| 52 | HOSE, ASSEMBLY | 54-28-753SB | 100 | T-62 | 132 | 1969 | |
| 53 | LOOP, CONNECTING TOWING ROPES | 34-28-109SB-1 | 100 | T-62 | 133 | 1972 | |
| 54 | WRENCH 5.5-7 | 54-28-1658 | 100 | T-62 | 212 | 2038 | |
| 55 | RETAINER | 765-10-SB189 | 30 | BMP | 8 | 3 | 1 |
| 56 | GASKET | 765-10-SB662 | 50 | BMP | 8 | 3 | 62 |
| 57 | CYLINDER | 765-10-SB579 | 30 | BMP | 41 | 4 | 8 |
| 58 | CLEANER | 701-05-SB183 | 50 | BMP | 27 | 5.2 | 41 |
| 59 | RETAINER | 765-05-SB221 | 50 | BMP | 16 | 7 | 65 |
| 60 | GASKET | 765-06-458 | 200 | BMP | 19 | 7 | 21 |

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| NO | ITEM NAME | PART NO | REQ | CATALOG | PAGE | FIG | ITEM |
|----|--|-----------------|------|---------|------|------|------|
| 61 | COUPLING | 3320-142-1 | 200 | BMP | 20 | 7 | 51 |
| 62 | ASSEMBLY OF FILTER SECTION COVER | KV-SB05-35 | 200 | BMP | 17 | 8 | 5 |
| 63 | RING, SEALING | 903-01-85 | 300 | BMP | 28 | 10 | 22 |
| 64 | CASING | 765-06-SB306 | 30 | BMP | 25 | 10 | 46 |
| 65 | RING | 775-71-82 | 300 | BMP | 37 | 13 | 20 |
| 66 | STRAP | 765-10-455 | 200 | BMP | 35 | 13 | 47 |
| 67 | SPRING | 700-38-459 | 100 | BMP | 36 | 13 | 96 |
| 68 | LIMITER | 765-10-445 | 200 | BMP | 43 | 17 | 9 |
| 69 | RING | 46587 | 100 | BMP | 91 | 43.2 | 22/4 |
| 70 | PULLY WITH CRANK | 765-31-SB120 | 100 | BMP | 106 | 47 | 1 |
| 71 | RING RUBBER | 765-33-7 | 50 | BMP | 113 | 50 | 4 |
| 72 | TRAK LINK WITH RUBBER PAD | 765-35-SB102/RP | 3000 | BMP | 120 | 53 | 1 |
| 73 | PLATE, RIGHT | 765-47-SB185 | 40 | BMP | 139 | 62 | 2 |
| 74 | PLATE, REAR, left | 765-47-SB212 | 40 | BMP | 139 | 62 | 4 |
| 75 | PLATE, LEFT | 765-47-SB184 | 40 | BMP | 139 | 62 | 8 |
| 76 | PLATE, FRONT, left | 765-47-SB182 | 40 | BMP | 139 | 62 | 10 |
| 77 | LEFT FRONT TRAVERSING WHEEL | 765-33-SB128 | 30 | BMP | 184 | 86 | 1-17 |
| 78 | RIGHT FRONT TRAVERSING WHEEL | 765-33-SB129 | 30 | BMP | 186 | 87 | 1-17 |
| 79 | COMPLETE CARRING ROLLER | 765-34-SB101 | 20 | BMP | 188 | 88 | 1-20 |
| 80 | PLUG | 700-37-255 | 150 | BMP | 248 | 108 | 17 |
| 81 | HANDLE | 765-49-SB104 | 50 | BMP | 228 | 120 | 1 |
| 82 | LINK | 765-78-679 | 200 | BMP | 245 | 109 | 29 |
| 83 | PRESSER SENDING UNIT UP TO 15 Kg/Cm2 | 700-76-SB183 | 100 | BMP | 263 | 119 | 2 |
| 84 | INDICATOR, PRESSURE GAUGE T3-15 | 700-76-SB182 | 100 | BMP | 263 | 119 | 16 |
| 85 | SENDING UNIT, ELECTRIC SPEEDOMETER M3-301 | 700-76-SB417 | 100 | BMP | 264 | 119 | 21 |
| 86 | METER 2TYE-1 | 700-76-SB807 | 100 | BMP | 264 | 119 | 22 |
| 87 | RECIVER | 700-76-SB808 | 50 | BMP | 264 | 119 | 23 |
| 88 | INDICATOR, ELECTRIC SPEEDOMETER, TYPE CT-106 | 700-76-SB416 | 100 | BMP | 264 | 119 | 24 |
| 89 | CONTACTOR KM-50A-B | 700-76-SB383 | 100 | BMP | 264 | 119 | 27 |
| 90 | GENERATOR, TACHOMETER A-4 | 700-76-SB307 | 100 | BMP | 264 | 119 | 31 |

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| NO | ITEM_NAME | PART_NO | REQ | CATALOG | PAGE | FIG | ITEM |
|-----|--|-------------------------------|-----|---------|------|-------|---------|
| 91 | GASKET | 765-84-90 | 300 | BMP | 273 | 123 | 12 |
| 92 | REGULATOR VOLTAGE PH-10 | 700-76-SB560 | 200 | BMP | 289 | 128 | 1 |
| 93 | CONTACTOR, SMALL-SIZE, KM-600 -B | 700-76-SB656 | 100 | BMP | 289 | 128 | 5 |
| 94 | WRENCH, NUTS OF TRACK WEDGES | 765-93-SB137 | 100 | BMP | 292 | 130 | 2 |
| 95 | WRENCH ACCESS HATCHES AND PLUGS OF GUN WEDGES | 765-93-SB142 | 100 | BMP | 292 | 130 | 19 |
| 96 | WRENCH, 100*110 TRACK ADJUSTING MECH | 765-93-289 | 100 | BMP | 295 | 130 | 22 |
| 97 | WRENCH, 5,5-7MH-5548-64 | 7811-0002 | 100 | BMP | 296 | 130 | 23 |
| 98 | WRENCH, 27*32 | 765-93-193 | 100 | BMP | 295 | 130 | 24 |
| 99 | GREASE GUN, PLUNGER-TYPE OF CONSISTENT GREASE | 748-27-SB100 | 100 | BMP | 294 | 132 | 4 |
| 100 | LUBRICATION GUN, | 700-77-SB268 | 100 | BMP | 294 | 132 | 7 |
| 101 | EXTENSION, FUNNEL FOR FILLING OF OIL IN GEAR BOX | 765-93-SB175 | 100 | BMP | 293 | 132 | 13 |
| 102 | WIRE ROPE, TOWING | 765-93-SB195 | 200 | BMP | 293 | 134 | 4 |
| 103 | AIR FILTER | TU-218-K | 30 | BMP | 401 | 223.1 | 138 |
| 104 | RETURN VALVE | TU-674-600/B-K | 100 | BMP | 401 | 223.1 | 139 |
| 105 | TRANSFER VALVE | TU-24-7-395-70 | 50 | BMP | 401 | 223.2 | 140 |
| 106 | REDUCER | TU-669.300M-14-K | 50 | BMP | 401 | 223.2 | 142 |
| 107 | TRANSFER VALVE | TU-12-44-395-75 | 40 | BMP | 406 | 225.1 | 150 |
| 108 | CONTACTOR | 3006-000 | 30 | BMP | 429 | 235.9 | 37 |
| 109 | RELAY BOX | 5-700-76-SB955 | 50 | BMP | 429 | 235.9 | 44 |
| 110 | RELAY BOX | KR-65-000-TU | 30 | BMP | 429 | 235.5 | 45 |
| 111 | THERMOREGULATOR | TU-3-990-74 | 50 | BMP | 429 | 235.6 | 48 |
| 112 | BOTTLE | 5-765-87-SB156 | 250 | BMP | 478 | 260 | 1-13 |
| 113 | TUBE | 765-93-SB304 | 100 | BMP | 556 | 303.1 | 25 |
| 114 | FRONT SPANNER 10*12 | 765-93-431 OR 701-85-398 | 100 | BMP | 560 | 303.1 | 99 |
| 115 | GAUGE | 765-93-SB208 | 100 | BMP | 558 | 303.2 | 43 |
| 116 | SPECIAL SPANNER S-14 | 765-100-212 | 100 | BMP | 559 | 303.2 | 55 |
| 117 | GAUGE | 765-93-SB207 OR 865-93-SB6759 | 100 | BMP | 560 | 303.2 | 95 |
| 118 | DEVICE, TRACK REMOVAL | 865-93-SB6396 | 200 | BMP | 556 | 303.2 | 28/1-11 |
| 119 | REMOVER, TRACK LINK | 765-93-SB170 | 100 | BMP | 556 | 303.2 | 29/1-9 |
| 120 | 1 ST AND REVERS GEAR LOCK SPRING | 154-08-068 | 25 | VT-55 | 45 | 46 | 91 |

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| NO | ITEM NAME | PART_NO | REQ | CATALOG | PAGE | FIG | ITEM |
|-----|-------------------------------|---------------|-----|---------|------|---------|-------|
| 121 | COMPLETE REDUCTION WITH DRIVE | 19-40-001 5-2 | 20 | VT-55 | 270 | 244-259 | 1-213 |
| 122 | LEVER WITH SHAFT | 19-40-0025 | 10 | VT-55 | 270 | 246 | 2-2a |
| 123 | DRIVE SHAFT | 19-40-025-4 | 10 | VT-55 | 270 | 246 | 7 |
| 124 | GEAR | 940-003-2A | 10 | VT-55 | 270 | 246 | 8 |
| 125 | CLAW CLUTCH | 19-40-023-1 | 10 | VT-55 | 270 | 247 | 9 |
| 126 | SLEEVE | 19-40-026-2 | 20 | VT-55 | 270 | 247 | 11 |
| 127 | CLAW CLUTCH | 19-40-037 | 10 | VT-55 | 270 | 247 | 15 |
| 128 | NUT | 19-40-160 | 50 | VT-55 | 270 | 247 | 19 |
| 129 | BEVEL GEAR | 19-40-024 | 10 | VT-55 | 270 | 248 | 21 |
| 130 | DISTANCE RING | 940-023 | 20 | VT-55 | 270 | 248 | 22 |
| 131 | LOCKING PIECE | 940-028 | 20 | VT-55 | 270 | 248 | 23 |
| 132 | NUT | 940-029 | 50 | VT-55 | 270 | 249 | 24 |
| 133 | SLEEVE FORK | 940-040 | 20 | VT-55 | 270 | 249 | 28 |
| 134 | SLEEVE | 19-40-028-1 | 20 | VT-55 | 271 | 249 | 34 |
| 135 | BEVEL GEAR | 19-40-005-2 | 10 | VT-55 | 271 | 250 | 40 |
| 136 | BEARING BUSH | 19-40-006 | 10 | VT-55 | 271 | 250 | 41 |
| 137 | SPLIT RING | 19-40-047 | 20 | VT-55 | 271 | 250 | 47 |
| 138 | LEVER | 19-40-154 | 20 | VT-55 | 271 | 251 | 50 |
| 139 | LEVER WITH SHAFT | 19-40-0215 | 10 | VT-55 | 271 | 251 | 53 |
| 140 | ADJUSTING RING | 19-40-010 | 10 | VT-55 | 271 | 257 | 45 |
| 141 | PACKING | 19-40-011 | 10 | VT-55 | 271 | 257 | 46 |
| 142 | CONTROL RING | 19-40-019 | 10 | VT-55 | 271 | 257 | 51 |
| 143 | WASHER | 19-40-046 | 50 | VT-55 | 271 | 257 | 44 |
| 144 | INTERMEDIUM GEAR | 19-40-059-1 | 10 | VT-55 | 272 | 252 | 63 |
| 145 | SHAFT | 19-40-118 | 10 | VT-55 | 272 | 255 | 180 |
| 146 | NUT | 19-40-138-1 | 50 | VT-55 | 272 | 256 | 197 |
| 147 | CONTROL LEVER | 19-40-153 | 20 | VT-55 | 272 | 256 | 208 |
| 148 | BOLT | 154-40-062-5 | 25 | VT-55 | 273 | 245 | 83 |
| 149 | FLANGE | 19-40-086 | 10 | VT-55 | 274 | 254 | 115 |
| 150 | BODY | 19-40-114 | 10 | VT-55 | 276 | 254 | 170 |

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| NO | ITEM_NAME | PART_NO | REQ | CATALOG | PAGE | FIG | ITEM |
|-----|--------------------------------------|-----------------|-------|---------|------|-----|--------|
| 151 | RING | 19-40-117 | 50 | VT-55 | 276 | 259 | 179 |
| 152 | REEL ON CYLINDER OF MAIN POWER WINCH | 19-50-075 | 10 | VT-55 | 289 | 289 | 16a-37 |
| 153 | CYLINDER EASY | 19-50-04512 | 10 | VT-55 | 289 | 275 | 1 |
| 154 | GENERATOR | PGS22-14A | 5 | SHILKA | 328 | 100 | 1 |
| 155 | GENERATOR | 575-20-10-011-B | 15 | SHILKA | 328 | 100 | 10 |
| 156 | EJECTOR | 575-10-31-001-G | 20 | SHILKA | 37 | 8 | 27 |
| 157 | EXHAUST TUBE | 575-10-31-015 | 500 | SHILKA | 37 | 8 | 38 |
| 158 | EXHAUST TUBE | 575-10-31-008-B | 500 | SHILKA | 37 | 8 | 34 |
| 159 | RADIATOR, WATER | 730-03-SB133A | 25 | SHILKA | 37 | 8 | 39 |
| 160 | VALVE | 575-10-40-231 | 100 | SHILKA | 43 | 9 | 21 |
| 161 | VALVE | 575-10-40-233 | 100 | SHILKA | 43 | 9 | 42 |
| 162 | FUEL TANK SMALL | 740-04-SB103 | 100 | BK | 13 | 3 | 11 |
| 163 | FUEL TANK LARGE | 740-04-SB104-2 | 100 | BK | 13 | 3 | 18 |
| 164 | SCREEN FILTER | 740-06-SB141 | 500 | BK | 21 | 6 | 7 |
| 165 | COLLAR | 740-15-14 | 100 | BK | 54 | 19 | 17 |
| 166 | THRA B COOPE | 740-17-SB237 | 50 | BK | 68 | 25 | 16 |
| 167 | BAAWK B COOPE | 740-17-SB238 | 50 | BK | 68 | 25 | 17 |
| 168 | THRA B COOPE | 740-17-SB242 | 50 | BK | 68 | 25 | 13 |
| 169 | CONTROL LEVER BLOCK RIGHT | 740-17-SB263-2 | 50 | BK | 83 | 26 | — |
| 170 | CONTROL LEVER BLOCK LEFT | 740-17-SB264-2 | 50 | BK | 83 | 26 | — |
| 171 | LEVER HANDLE | 740-17-416 | 50 | BK | 83 | 26 | 30 |
| 172 | DRIVER SEAT | 740-18-SB1 | 50 | BK | 85 | 28 | — |
| 173 | GEAR SHIFT GATE | 740-19-SB-1 | 50 | BK | 87 | 29 | — |
| 174 | LST AND RAVERSE SPEED | 740-19-27 | 50 | BK | 89 | 29 | 32 |
| 175 | RIGHT TUBE ASSY | 740-28-116A | 50 | BK | 114 | 42 | 2 |
| 176 | STRIKER | 740-33-76 | 50 | BK | 133 | 47 | 20 |
| 177 | Track link, asay, | 740-35-SB103 | 20000 | BK | 133 | 48 | 1 |
| 178 | PIN | 740-35-3-1 | 20000 | BK | 133 | 48 | 2 |
| 179 | AXLE | 740-47-190 | 50 | BK | 139 | 52 | 6 |
| 180 | ANTI SURGE VANE | 740-47-SB135-2 | 75 | BK | 139 | 52 | 8 |

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| NO | ITEM NAME | PART_NO | REQ | CATALOG | PAGE | FIG | ITEM |
|-----|----------------------------------|----------------|-----|----------|------|------|-------|
| 181 | TORISON BAR | 740-49-31 | 50 | BK | 146 | 57 | 5 |
| 182 | COCK | 740-50-SB226 | 50 | BK | 150 | 58 | 1 |
| 183 | TOWING HOOK | 740-50-231 | 50 | BK | 150 | 58 | 26 |
| 184 | LATCH | 740-50-623 | 100 | BK | 151 | 58 | 20 |
| 185 | SPRING | 740-50-625 | 100 | BK | 151 | 58 | 19 |
| 186 | STOP ASSY | 750-50-1225B | 100 | BK | 153 | 59A | 15 |
| 187 | HANDLE | 750-50-085 | 100 | BK | 158 | 59B | 1 |
| 188 | PIN | 740-50-082 | 100 | BK | 158 | 59B | 4 |
| 189 | TORISON BAR | 750-50-78 | 50 | BK | 158 | 59B | 12 |
| 190 | Hook 1'or toffing gun | 750-50-375 | 50 | BK | 152 | 59 | 24 |
| 191 | TORISON | 750-61-145 | 50 | BK | 183 | 71 | 3 |
| 192 | LOCK | 750-61-150 | 50 | BK | 183 | 71 | 8 |
| 193 | TACHOMETER GENERATOR | 740-80-SB159 | 50 | BK | 193 | 82 | 24 |
| 194 | HEAD LAMP WITH BREAK | 740-82-SB-182 | 200 | BK | 216 | 88 | 23 |
| 195 | SPECIAL WRENCH, S=60 | 740-93-397 | 200 | BK&OT-62 | 249 | 101 | 9 |
| 196 | WRENCH FOR TRACK ADJUSTMENT | 740-93-81 | 200 | BK&OT-62 | 245 | 101 | 17 |
| 197 | WRENCH FOR TRACK ADJUSTMENT | 740-93-82 | 200 | BK&OT-62 | 245 | 101 | 16 |
| 198 | WRENCH FOR SHAFTS, | NT-180 | 200 | BK&OT-62 | 250 | 101 | 26 |
| 199 | WRENCH FOR ROAD WHEEL NUT | 740-93-229 | 200 | BK&OT-62 | 247 | 101 | 33 |
| 200 | WRENCH FOR DRAINING OIL AND FUEL | 740-93-SB236-1 | 200 | BK&OT-62 | 244 | 101 | 34 |
| 201 | SPECIAL WRENCH S=17 | 740-93-SB131 | 100 | BK&OT-62 | 240 | 101 | 40 |
| 202 | SPECIAL WRENCH S=14 | 740-93-SB140 | 100 | BK&OT-62 | 240 | 101 | 41 |
| 203 | WRENCH FOR HATCH DOORS | 740-93-SB270 | 200 | BK&OT-62 | 244 | 101 | 42 |
| 204 | TOWING ROPE | 740-93-SB104 | 200 | BK&OT-62 | 239 | 102 | 7 |
| 205 | PIN, ASSY | 740-93-SB128 | 200 | BK&OT-62 | 240 | 102 | 10 |
| 206 | THIMBLE FOR TOWING ROPE | 740-93-91 | 200 | BK&OT-62 | 246 | 102 | 11 |
| 207 | Hand pump RNA-1A | 54-05-004A | 100 | OT-62 | 21 | 10 | 1-15 |
| 208 | Joint nange | 800-10-002 | 50 | OT-62 | 51 | 25/1 | 11 |
| 209 | Ventilator shaft | 800-10-021S | 50 | OT-62 | 54 | 27.1 | 1/1-2 |
| 210 | Holder | 800-12-031-1 | 100 | OT-62 | 62 | 28.5 | 55 |

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| NO | ITEM_NAME | PART_NO | REQ | CATALOG | PAGE | FIG | ITEM |
|-----|--|-----------------|-----|---------|------|-------|-------|
| 211 | Suspension eye | 800-12-256 | 100 | OT-62 | 67 | 28.6 | 180 |
| 212 | Indicator | 800-12-242 | 100 | OT-62 | 64 | 28.6 | 97 |
| 213 | Castle nut M 16 | 800-12-309 | 200 | OT-62 | 67 | 28.6 | 174 |
| 214 | 800-17-231 Spring | 800-17-231S | 100 | OT-62 | 123 | 55 | 3/4 |
| 215 | Draw-bar assembly | 800-17-044 S-1 | 100 | OT-62 | 130 | 58 | 2 |
| 216 | Draw-bar assembly | 800-17-066 S-1 | 100 | OT-62 | 152 | 68 | 12 |
| 217 | Left lever assembly | 800-17-309S | 100 | OT-62 | 156 | 69 | 1 |
| 218 | Complete parts for assembly of driver seat | 800-18-201S | 50 | OT-62 | 163 | 71 | 1-20 |
| 219 | Complete driver seat | 800-18-202S | 50 | OT-62 | 163 | 71 | 1 |
| 220 | Complete speedometer with drive | 800-20-5B1-2 | 100 | OT-62 | 175 | 76 | 1-18 |
| 221 | Finger | 740-32-5-1 | 100 | OT-62 | 231 | 105 | 7 |
| 222 | Shaft | 740-32-6-2 | 100 | OT-62 | 231 | 105 | 8 |
| 223 | Valve plug | 800-32-10 | 50 | OT-62 | 231 | 105 | 9 |
| 224 | Packing piece | 740-33-25 | 100 | OT-62 | 236 | 107 | 16 |
| 225 | Spring collar | 740-33-57 | 100 | OT-62 | 236 | 107 | 20 |
| 226 | Assembly of nozzle body | 800K-38-002S | 50 | OT-62 | 239 | 109 | 2 |
| 227 | Complete hose L=2800 mm | 800K-38-003S | 50 | OT-62 | 239 | 109 | 3/1-3 |
| 228 | Complete hose L=1690 mm | 800K-38-004S | 50 | OT-62 | 239 | 109 | 4/1-5 |
| 229 | Breakwater | 800-47-135 S-1B | 50 | OT-62 | 250 | 115.2 | 4 |
| 230 | Right reinforcement | 740-47-214 | 100 | OT-62 | 251 | 115.2 | 35 |
| 231 | Left | 740-47-215 | 100 | OT-62 | 251 | 115.2 | 36 |
| 232 | Stop | 740-49-40 | 100 | OT-62 | 259 | 120 | 11 |
| 233 | Spring of handle | 800-50-048 | 100 | OT-62 | 281 | 124 | 1/18 |
| 234 | Handle of lockV | 800-50-049 | 100 | OT-62 | 280 | 124 | 1/20 |
| 235 | Latch of lock | 4-30-134 | 100 | OT-62 | 280 | 124 | 1/12 |
| 236 | Closure lever | 800-50-058 | 100 | OT-62 | 281 | 124 | 2/1 |
| 237 | Buffer | 5-30-271 | 100 | OT-62 | 281 | 124 | 3/3 |
| 238 | Latch of lock | 800-50-358 | 100 | OT-62 | 286 | 127 | 2/7/1 |
| 239 | Eush complete | 800-50-528 S | 50 | OT-62 | 292 | 129 | 2 |
| 240 | Supporting tube | 800-50-428 | 50 | OT-62 | 318 | 151 | 1 |

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| NO | ITEM_NAME | PART_NO | REQ | CATALOG | PAGE | FIG | ITEM |
|-----|-------------------------------------|-------------------------|------|--------------|------|-------|------|
| 241 | Latch | 800-50-164 | 100 | OT-62 | 212 | 212 | 4 |
| 242 | BOTTLE | 740-87-SB128-1 | 1000 | OT-62 | 489 | 278 | 1-14 |
| 243 | SPECIAL SPANNER | 800-93-0135 | 100 | OT-62 | 637 | 324.1 | 1 |
| 244 | SPECIAL SPANNER S=60 | 800-93-020-1 | 100 | OT-62 | 643 | 324.4 | 83 |
| 245 | HOOK WRENCH 52*55 | DIN 1810 | 100 | OT-62 | 644 | 324.4 | 95 |
| 247 | Electropivot 27/5 - VKU adaption | 800-101-754S | 20 | OT-62 | 725 | 364 | 9 |
| 246 | BOX | 800-101-803S | 20 | OT-62 | 726 | 365.1 | 2 |
| 248 | Complete sleeve | 800-101-891S | 100 | OT-62 | 727 | 365.1 | 7 |
| 249 | Terminal box | 800-101-111S | 50 | OT-62 | 733 | 365.1 | 89 |
| 250 | REMOTE CONTROL ROPE | 50M-1321-070 | 50 | UP GRADE B K | | | |
| 251 | REMOTE CONTROL ROPE | 50M-1321-080 | 50 | UP GRADE B K | | | |
| 252 | REGULATING EQUIPMENT UNIT | 50M-1400004 | 20 | UP GRADE B K | | | |
| 253 | piston pin | 304-10-2 | 300 | UTD_20 | 24 | 8 | 4 |
| 254 | stopper | 20-04-07 | 600 | UTD_20 | 24 | 8 | 5 |
| 255 | MECHANICAL,FUEL PUMP | SB20-32-00-4 | 30 | UTD_20 | 98 | 36 | 31 |
| 256 | GASKET | 20-27-293 | 50 | UTD_20 | 101 | 36 | 32 |
| 257 | Gasket (for tachometer generator) | 308-146 | 50 | UTD_20 | 91 | | |
| 258 | JACKET, cylinder | 303-06-10 or 303-06-10A | 500 | V12_ENG | 15 | 11 | |
| 259 | PIN, piston | 304-10-2 | 500 | V12_ENG | 17 | 12 | |
| 260 | BUSHING, setting | 305-21 | 200 | V12_ENG | 19 | 15 | |
| 261 | SPLINED COUPLING | 3308-235 | 100 | V12_ENG | 22 | 30 | |
| 262 | BUSHING, inclined shaft | 306-75-3 | 300 | V12_ENG | 24 | 19 | |
| 263 | CAMSHAFT, intake | 307-06-4 | 300 | V12_ENG | 30 | 26 | |
| 264 | CAMSHAFT, exhaust | 307-15-3 | 150 | V12_ENG | 30 | 26 | |
| 265 | CASE, seal, assy | 3308-261 | 200 | V12_ENG | 34 | 30 | |
| 266 | BUSHING | 3308-246-1 | 100 | V12_ENG | 34 | 28 | |
| 267 | BUSHING SPLINED | 3308-233 | 50 | V12_ENG | 34 | 31 | |
| 268 | RETAINER SPRING | 3308-236 | 100 | V12_ENG | 34 | 30 | |
| 269 | SPRING | 3308-237 | 100 | V12_ENG | 34 | 30 | |
| 270 | PUMP ELEMENT | 5B327-07-1 | 500 | V12_ENG | 46 | 54 | |

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| NO | ITEM NAME | PART_NO | REQ | CATALOG | PAGE | FIG | ITEM |
|-----|---------------------------------|-------------------|------|---------|------|------|------|
| 271 | MANFOLD, intake, left | SB419-06-5 | 50 | V12_ENG | 56 | 44 | |
| 272 | GASKET | 327-126 | 300 | V12_ENG | 71 | 52 | |
| 273 | stud | 350-02 | 1000 | V12_ENG | 91 | 68 | |
| 274 | stud | 350-03 | 1000 | V12_ENG | 91 | 68 | |
| 275 | stud | 350-24 | 1000 | V12_ENG | 91 | 59 | |
| 276 | BOLT, crankpin plug | 356-84 | 200 | V12_ENG | 106 | 83 | |
| 277 | WATER PUMP | SB511T-00-21A | 50 | V6_ENG | 38 | 27 | 1-55 |
| 278 | COMPLETE INJECTION VALVE | 800-S317-00-1A/18 | 500 | V6_ENG | 49 | 35 | |
| 279 | TUBE OF OIL SUPPLY TO CAM SHAFT | 800-520T-32-1 | 50 | V6_ENG | 53 | 37 | |
| 280 | TUBE FROM CLEANER FILTER TO TD | 800-520T-01-51 | 50 | V6_ENG | 55 | 39 | 31 |
| 281 | TUBE | 800-521-0015 | 50 | V6_ENG | 59 | 42 | 12 |
| 282 | INJECTION TUBE | 800-523T-025 | 50 | V6_ENG | 44 | 44 | 8 |
| 283 | INJECTION TUBE | 800-523T-035 | 50 | V6_ENG | 44 | 44 | |
| 284 | INJECTION TUBE | 800-523T-045 | 50 | V6_ENG | 44 | 44 | |
| 285 | INJECTION TUBE | 800-523T-055 | 50 | V6_ENG | 44 | 44 | |
| 286 | INJECTION TUBE | 800-523T-065 | 50 | V6_ENG | 44 | 44 | |
| 287 | ENGINE A-650-1 | 650-01-SB130 | 20 | ATC-59 | 15 | 10 | |
| 288 | PAD, LOWER, FRONT | 650-01-SB102 | 100 | ATC-59 | 15 | 1671 | |
| 289 | CLEANER, AIR, ASSY. | 650-05-SB139 | 40 | ATC-59 | 49 | 100 | |
| 290 | GEARBOX, ASSY | 650-12-SB5 | 25 | ATC-59 | 133 | 317 | |
| 291 | DRUM, ASSY | 650-14-SB113 | 50 | ATC-59 | 160 | 385 | |
| 292 | COVER | 650-14-78 | 50 | ATC-59 | 161 | 396 | |
| 293 | FLANGE | 650-14-79 | 50 | ATC-59 | 161 | 397 | |
| 294 | SECTOR, FRICTION, LINING | 650-14-138 | 2000 | ATC-59 | 161 | 1777 | |
| 295 | PIPE ASSY | 650-15-SB112 | 50 | ATC-59 | 178 | 408 | |
| 296 | PIPE ASSY | 650-15-SB135 | 50 | ATC-59 | 180 | 412 | |
| 297 | PIPE ASSY | 650-15-SB143 | 50 | ATC-59 | 180 | 415 | |
| 298 | PLUG | 650-21-31 | 50 | ATC-59 | 251 | 1998 | |
| 299 | PIPE ASSY | 650-21-SB241 | 50 | ATC-59 | 274 | 626 | |
| 300 | WHEEL ROAD RIGHT HAND ASSY | 650-24-SB153 | 50 | ATC-59 | 326 | 812 | |

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| NO | ITEM NAME | PART NO. | REQ | CATALOG | PAGE | FIG | ITEM |
|-----|------------------------------|--------------|------|--------------|------|------|------|
| 301 | GASKET | 650-29-286 | 100 | ATC-59 | 371 | 1721 | |
| 302 | STRIP GLASS | 650-29-487 | 100 | ATC-59 | 371 | 1691 | |
| 303 | STREP EDGING | 650-29-488 | 100 | ATC-59 | 371 | 1692 | |
| 304 | SUPPORT ST | 650-31-SB291 | 50 | ATC-59 | 417 | 1056 | |
| 305 | SWITCH, TYPE B-45M | 650-35-SB163 | 100 | ATC-59 | 468 | 1214 | |
| 306 | UNIT CABEL | 650-35-SB424 | 50 | ATC-59 | 470 | 1263 | |
| 307 | VOLTAMME | 712-10-K278 | 50 | ATC-59 | 502 | 1262 | |
| 308 | ROPE, WIRE, ASSY | 712-27-SB137 | 200 | ATC-59 | | 1410 | |
| 309 | SHACKLE, TOWING ASSY | 712-27-SB183 | 200 | ATC-59 | | 1412 | |
| 310 | EJECTOR, RIGHT | 668-07-SB104 | 50 | ATC-G | | 105 | |
| 311 | EJECTOR, LEFT | 668-07-SB105 | 50 | ATC-G | | 106 | |
| 312 | PANEL ASSY | 668-35-SB135 | 20 | ATC-G | 595 | 1324 | |
| 313 | SET PANEL WIRES | 668-35-SB147 | 100 | ATC-G | 599 | 1328 | |
| 314 | PISTON RING OF THE 1 ST.STEP | AK150-017 | 1000 | AK-150S COMP | | T-3 | 3 |
| 315 | PISTON RING OF THE 2 nd.STEP | AK150-018 | 1500 | AK-150S COMP | | T-3 | 4 |
| 316 | SCRAPER RING | AK150-019 | 1000 | AK-150S COMP | | T-3 | 5 |
| 317 | PISTON RING OF THE 3rd.STEP | AK150-020 | 1000 | AK-150S COMP | | T-4 | 3 |
| 318 | PISTON RING | AK150-021 | 1500 | AK-150S COMP | | T-4 | 4 |
| 319 | SCRAPER RING | AK150-022 | 1000 | AK-150S COMP | | T-4 | 5 |
| 320 | SCRAPER RING | AK150-071 | 1000 | AK-150S COMP | | T-4 | 6 |

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RFQ Data:

RFQ No.:

| | | | | | | | | | |
|------------|-----|---------|-----|--------|-----|-----------|-----|-----------|-----|
| Washington | | London | 159 | Paris | 151 | Berlin | 195 | Rome | 158 |
| Pyongyang | | Tokyo | | Madrid | 134 | Pretoria | | Prague | 132 |
| Bucharest | 124 | Beijing | | Seoul | | New Delhi | | Ankara | |
| Islam Abad | | Moscow | 135 | Athens | 81 | Brasilia | | Abu Dhabi | 110 |
| Rabat | | Riyadh | | | | | | | |

| | |
|-----------------------|------------|
| Issuance date: | 08/10/2015 |
| Closing date: | 25/11/2015 |

CASE NO. CR 15-0704 (A)-SJO
UNITED STATES OF AMERICA
VS. GHANEM
PLAINTIFF'S EXHIBIT 643
DATE _____ IDEN.
DATE _____ EVID.
BY _____
DEPUTY CLERK
AO 386

From: Rami Ghanem <ramithe@gmail.com>
Sent: Thursday, October 22, 2015 7:07 AM
To: Alexei Alexei <office.hartford@gmail.com>
Cc: Bill Grigor <office.gb.defence@gmail.com>
Subject: FW: RFQs Rifle calibre
Attach: 166.pdf; 175.pdf

For Egypt

Rami Ghanem

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Life is short.. So love your life.. Be happy.. And Keep smiling.. and

Before you speak »Listen
Before you write »Think
Before you spend »Earn
Before you pray »Forgive
Before you hurt »Feel
Before you hate »Love
Before you quit »Try
Before you die »Live

That's Life...

RFQ

REQUEST FOR QUOTATION

QUOTATION REQUEST FOR:

ASSAULT RIFLE CALIBER 5.56 X 45 MM FULLY
AUTOMATIC INCLUDE THE PICATINNY RAIL
ADAPTER AND MAGAZINE SET (4/30 ROUND
MAGAZINES WITH CONNECTOR), RED DOT
SIGHT , TACTICAL LASER AIMING AND
TACTICAL LIGHT ILLUMINATOR

THIS (RFQ) CONSISTS OF:

SECTION 1: GENERAL CONDITIONS

SECTION 2: TECHNICAL SPECIFICATIONS

SIGNATURE ()

*MAJ. GEN STAFF / ROSHDY ABDELHAMID ABDELAZIZ
DIRECTOR OF ARMAMENT & AMMUNITION DEPARTMENT*

SECTION 1
GENERAL CONDITIONS

1.1 - SUBJECT:

A.R.E invites the recognized manufacturers to bid for supplying egyptian army with: assault rifle caliber 5.56 x 45 mm fully automatic include the picatinny and magazine set (4/30 round magazines with connector), red dot sight, tactical laser aiming and tactical light illuminator in accordance with the following scope and requirements.

1.2- SCOPE:

This request for quotation (RFQ) to provide the Government of EGYPT (GOE) with : assault rifle caliber 5.56 x 45 mm fully automatic include the picatinny and magazine set (4/30 round magazines with connector), red dot sight, tactical laser aiming and tactical light illuminator according to the list of the required items as per SECTION 2 (Brand New) .

1.3-GENERAL CONDITIONS:

1.3.1 - The offered weapons must be in conformity with specifications in section 2.

1.3.2 - The quotation should include the following:

1.3.2.1- Full technical and tactical specification of assault rifle caliber 5.56 x 45 mm fully automatic include the picatinny and magazine set (4/30 round magazines with connector), red dot sight, tactical laser aiming and tactical light illuminator according to military specifications.

1.3.2.2 - Year of production of the offered weapon.

1.3.2.3 - Time of delivery.

1.4 - Assault rifle caliber 5.56 x 45 mm fully automatic include the picatinny and magazine set (4/30 round magazines with connector), red dot sight, tactical laser aiming and tactical light illuminator should be manufactured According to a military standard.

1.5 - MECHANICAL CONDITIONS:

Assault rifle caliber 5.56 x 45 mm fully automatic include the picatinny and magazine set (4/30 round magazines with connector), red dot sight, tactical laser aiming and tactical light illuminator should withstand all tests (Environmental – Safety – Performance – Firing ...etc) according to a military standard. Test Procedures for the weapon should be stated.

1.6 - The quotation should be submitted in original and three copies in English language and should be Valid for at least 6 months after closing date.

1.7- The delivery should be within 6 months after signing the contract.

1.8 - Closing date is: / /

1.9- Contracting articles: ASSAULT RIFLE CALIBER 5.56 X 45 mm FULLY AUTOMATIC WITH ACCESSORIES.

1.9.1- Delivery: the supplier undertakes to supply FCA.

1.9.2- Warranty: A warranty against any defects for all supplying items should be offered.

1.10 - REQUIREMENTS:

1.10.1 - Operating temperature: -10 to + 55 deg. centigrade.

1.10.2 - Corrosion: The supplier should certify that the materials, processes, coating and finishes used in the weapon resist corrosion in conformity with military standards. The supplier should state accepting treatment of any rusty items, during 5 years period of normal operation, on his expense.

1.11 - DOCUMENTATION:

1.11.1 - Technical manuals.

1.11.2 - Maintenance and operation documents.

1.11.3 - Test and repair documents.

1.11.4 - A copy of the MIL. STD. of testing (Environmental - Safety - Performance - Firing....etc) of the required weapons and its main components including the evaluation criteria.

1.12 - TRAINING :

No training for Assault rifle caliber 5.56 x 45 mm fully automatic include the picatinny and magazine set (4/30 round magazines with connector), red dot sight, tactical laser aiming and tactical light illuminator is required

1.13 - INSPECTION:

1.12.1 - Inspection should be witnessed by (3) Egyptian representatives for (7) days at the company site.

1.12.2 - Inspection must be according to the military standard including test and firing for (Environmental - Safety - Performance - Firing ...etc).

1.14 - CERTIFICATE OF ORIGIN:

Certificate of OEM "Original Equipment Manufacturer" **MUST** be submitted for all contracted items.

1.15 - SPARE PARTS:

A Guarantee of Continuous Supply with Logistic Support (spare parts) for at least 10 Years .

1.16 - TAXES & DUTIES:

All due charges at the seller country will be born by the seller & in-country charges will be born by the buyers.

Payments: according to contracting terms.

SECTION 2
TECHNICAL SPECIFICATIONS FOR
ASSAULT RIFLE CALIBER 5.56 X 45 MM FULLY AUTOMATIC INCLUDE THE PICATINNY
RAIL ADAPTER AND MAGAZINE SET (4/30 ROUND MAGAZINES WITH CONNECTOR),
RED DOT SIGHT , TACTICAL LASER AIMING AND TACTICAL LIGHT ILLUMINATOR

2.1 - SCOPE :

This request for quotation (RFQ) to provide the Government of EGYPT (GOE) with Assault rifle caliber 5.56 x 45 mm fully automatic include the picatinny rail adapter and magazine set (4/30 round magazines with connector), red dot sight , tactical laser aiming and tactical light illuminator (Brand New).

2.2 - PRODUCT QUANTITIES:

| NO. | DESCRIPTION | QTY. |
|-----|--|------|
| 1 | Assault rifle caliber 5.56 x 45 mm fully automatic include the picatinny rail adapter and magazine set (4-30 round magazines with connector | 280 |
| 2 | Red dot sight | 280 |
| 3 | Tactical LASER aiming | 280 |
| 4 | Tactical light illuminator | 280 |
| 5 | Recommended spare parts list is required. | |
| 6 | Sample model for all items must be shipped to be tested and accepted as a condition to put the Contract in effect. | |

2.3- THE QUOTATION MUST INCLUDE THE FOLLOWING:

2.3.1- Specification Assault rifle caliber 5.56 x 45 mm fully automatic include the picatinny rail adapter and magazine set (4/30 round magazines with connector) as follows :

| No. | Data | SPECIFICATION |
|-----|---------------------------------|--------------------------------|
| 1 | CALIBER | 5.56 X 45 |
| 2 | OPERATION | Fully Automatic |
| 3 | RATE OF FIRE | Not less than 900 r/min |
| 4 | TOTAL LENGTH WITH BUTT UNFOLDED | 85 CM |
| 5 | TOTAL LENGTH WITH BUTT FOLDED | 65 CM |
| 6 | WEIGHT (Without Magazine) | Not more than 3.50 kg |
| 7 | WEIGHT (With Magazine) | Not more than 5 kg |
| 8 | MUZELL VELOCITY | Not less than 940 m/second |
| 9 | EFFECTIVE RANG | Not less than 400 Meter |
| 10 | MAXIMUM RANG | Not less than 1500 Meter |
| 11 | NUMBER OF GROOVES | 6 |
| 12 | Firing modes | Single/Burst / Fully automatic |

2.3.2- Red dot sight for Assault rifle caliber 5.56 x 45 mm fully automatic shall conform to Military Standard (Mil-STD-810F) and supported with the following specifications:

| No | Data | SPECIFICATION |
|----|-----------------------|---|
| 1 | AIMING DOT | 3.5 -7 MOA |
| 2 | DOT INTENSITY | Auto adjust and manual up to 4 settings |
| 3 | INTERFACE | Fits existing sight mounts |
| 4 | OPERATING TEMPERATURE | -40 ° to +55° |

2.3.3 Tactical Laser aiming module for Assault rifle caliber 5.56 x 45 mm fully automatic shall conform to Military Standard (Mil-STD-810F) and supported with the following specifications:

| No | Data | SPECIFICATION |
|----|-----------------------|---|
| 1 | LASER POWER / TYPE | 6mw IR (835nm) / 5mw visible (635nm) |
| 2 | BORESIGHT ADJUSTABLE | Must be exist |
| 3 | MOUNTING BRACKET | Interface mounts with different submachine mounts |
| 4 | ENVIRONMENTAL TESTS | According with military standard (MIL-STD-810F) |
| 5 | OPERATING TEMPERATURE | -40 ° to +55° |

2.3.4 Tactical "light illuminator" for Assault rifle caliber 5.56 x 45 mm fully automatic shall conform to Military Standard (Mil-STD-810F) and supported with up to 125 peak lumens / 1 hr runtime

RFQ

REQUEST FOR QUOTATION

QUOTATION REQUEST FOR:

FULLY AUTOMATIC PISTOL Cal.9x19mm
COMPLETE WITH ACCESSORIES

THIS (RFQ) CONSISTS OF:

SECTION 1: GENERAL CONDITIONS

SECTION 2: TECHNICAL SPECIFICATIONS

SIGNATURE ()

MAJ. GEN STAFF / ROSHDY ABDELHAMID ABDELAZIZ
DIRECTOR OF ARMAMENT & AMMUNITION DEPARTMENT

SECTION 1
GENERAL CONDITIONS

1.1 - SUBJECT:

A.R.E invites the recognized manufacturers to bid for supplying egyptian army with:
Fully automatic pistol cal.9x19mm complete with accessories in accordance with the following scope and requirements.

1.2- SCOPE:

This request for quotation (RFQ) to provide the Government of EGYPT (GOE) with Fully automatic pistol cal.9x19mm complete with accessories (Brand New) .

1.3-GENERAL CONDITIONS:

1.3.1 - The offered weapons must be in conformity with specifications in section 2.

1.3.2 - The quotation should include the following:

1.3.2.1- Full technical and tactical specification of Fully automatic pistol cal.9x19 mm:
complete with accessories according to military specifications.

1.3.2.2 - Year of production of the offered weapon.

1.3.2.3 - Time of delivery.

1.4 - Fully automatic pistol cal.9x19mm complete with accessories should be manufactured according to a military standard, the military standard for this weapon should be specified.

1.5 -MECHANICAL CONDITIONS:

Fully automatic pistol cal.9x19mm complete with accessories should withstand all tests (Environmental – Safety – Performance – Firing ...etc) according to a military standard. Test Procedures for the weapon should be stated.

1.6 - The quotation should be submitted in original and three copies in English language and should be Valid for at least 6 months after closing date.

1.7- The delivery should be within 6 months after signing the contract.

1.8 - Closing date is: / /

1.9- Contracting articles: Fully automatic pistol cal.9x19mm complete with accessories.

1.9.1- Delivery: the supplier undertakes to supply FCA.

1.9.2- Warranty: A warranty against any defects for all supplying items should be offered.

1.10 - REQUIREMENTS:

1.10.1- Operating temperature: -10 to + 55 deg. centigrade.

1.10.2- Corrosion: The supplier should certify that the materials, processes, coating and finishes used in the weapon resist corrosion in conformity with military standards. The supplier should state accepting treatment of any rusty items, during 5 years period of normal operation, on his expense.

1.11 - DOCUMENTATION:

1.11.1 - Technical manuals.

1.11.2 - Maintenance and operation documents.

1.11.3 - Test and repair documents.

1.11.4 - A copy of the MIL. STD. of testing (Environmental - Safety - Performance - Firing.....etc) of the required weapons and its main components including the evaluation criteria.

1.12 - TRAINING :

No training for Fully automatic pistol cal.9x19mm is required.

1.13 - INSPECTION:

1.12.1 - Inspection should be witnessed by (2) Egyptian representatives for (7) days at the company site.

1.12.2 - Inspection must be according to the military standard including test and firing for (Environmental - Safety - Performance - Firing ...etc).

1.14 - CERTIFICATE OF ORIGIN:

Certificate of OFM "Original Equipment Manufacturer" MUST be submitted for all contracted items.

1.15 - SPARE PARTS:

A Guarantee of Continuous Supply with Logistic Support (spare parts) for at least 10 Years .

1.16 - TAXES & DUTIES:

All due charges at the seller country will be born by the seller & in-country charges will be born by the buyers.

Payments: according to contracting terms.

SECTION 2
TECHNICAL SPECIFICATIONS

FOR
FULLY AUTOMATIC PISTOL Cal.9x19mm COMPLETE
WITH ACCESSORIES

2.1 - SCOPE :

This request for quotation (RFQ) to provide the Government of EGYPT (GOF) with Fully automatic pistol cal.9x19mm (Brand New).

2.2 - PRODUCT QUANTITY:

| NO. | DESCRIPTION | QTY. |
|--------------------------------|--|------|
| 1 | Fully automatic pistol cal.9x19mm complete with accessories | 65 |
| 2 | Waist hollister | 65 |
| 3 | Shoulder hollister | 65 |
| GENERAL SPECIFICATIONS | | |
| 1- Caliber: | 9x19mm. | |
| 2 - Operation : | Fully Automatic/ Semi Automatic | |
| 3 - Rate of fire : | Not less than 800 r/min | |
| 4 - Finish : | Black | |
| 5- Weight (Without Magazine) : | Not more than 0,650 kg | |
| 6-Magazine Capacity: | 19 Rounds / 33 Rounds | |
| 4 | Recommended spare parts list is required. | |
| 5 | Sample model for all items must be shipped to be tested and accepted as a condition to put the Contract in effect. | |

RFQ Data:

RFQ No.:

| | | | | | | | | | |
|------------|-----|---------|-----|--------|-----|-----------|-----|-----------|-----|
| Washington | 163 | London | | Paris | | Berlin | 171 | Rome | 142 |
| Pyongyang | | Tokyo | | Madrid | 117 | Pretoria | | Prague | 115 |
| Bucharest | 112 | Beijing | 120 | Seoul | | New Delhi | | Ankara | |
| Islam Abad | | Moscow | | Athens | | Brasilia | | Abu Dhabi | |
| Rabat | | Riyadh | | | | | | | |

| | |
|-----------------------|------------|
| Issuance date: | 13/09/2015 |
| Closing date: | 31/10/2015 |

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| NO | ITEM_NAME | PART_NO | REQ | CATALOG | PAGE | FIG | ITEM |
|----|--------------------------|-----------------|-----|---------|------|------|------|
| 1 | ENGINE B-55 | 155-01-001-2 | 25 | T-55 | 1 | | |
| 2 | RADIATOR | 155-02-158-8 | 50 | T-55 | 5 | 12 | |
| 3 | VALVE REDUCTION | 54-02-105B-1A | 300 | T-55 | 10 | 32 | |
| 4 | COCK, DISTRIBUTING, FUEL | 155-05-125B-A | 100 | T-55 | 35 | 221 | |
| 5 | GEAR DRIVING | 155-08-259 | 100 | T-55 | 88 | 428 | |
| 6 | BAR, TORSION COMPRESSOR | 155-08-291A | 200 | T-55 | 33 | 439 | |
| 7 | INDEX POINTER | 54-08-067 | 50 | T-55 | 80 | 507 | |
| 8 | BOLT LOW FRONT GEAR CASE | 54-08-094-4 | 75 | T-55 | 82 | 528 | |
| 9 | NUT BRAKE BAND | 54-10-030 | 200 | T-55 | 101 | 676 | |
| 10 | LEVER | 54-14-18-5 | 100 | T-55 | 109 | 751 | |
| 11 | WASHER TOOTHED | 54-16-023-1B | 100 | T-55 | 119 | 849 | |
| 12 | SHAFT ASSEMBLY | 155-19-305B | 50 | T-55 | 121 | 864 | |
| 13 | PIPE | 155-38-395B-5 | 100 | T-55 | 192 | 3094 | |
| 14 | PIPE | 155-38-475B-5A | 100 | T-55 | 192 | 3096 | |
| 15 | PIPE | 155-38-585B | 100 | T-55 | 192 | 3099 | |
| 16 | PIPE | 155-38-615B-2 | 100 | T-55 | 192 | 3102 | |
| 17 | PIPE | 155-38-625B-2 | 100 | T-55 | 192 | 3103 | |
| 18 | PIPE | 155-38-725B | 100 | T-55 | 192 | 3106 | |
| 19 | PIPE | 155-38-735B | 100 | T-55 | 192 | 3107 | |
| 20 | PIPE | 155-38-795B-R | 100 | T-55 | 193 | 3113 | |
| 21 | VALVE REDUCING | 155-38-835B | 500 | T-55 | 193 | 3115 | |
| 22 | PIPE | 155-38-855B | 100 | T-55 | 193 | 3116 | |
| 23 | PIPE | 155-38-855B-2 | 100 | T-55 | 193 | 3117 | |
| 24 | PIPE | 155-38-875B | 100 | T-55 | 193 | 3118 | |
| 25 | PIPE | 155-38-1045B | 100 | T-55 | 193 | 3119 | |
| 26 | PIPE | 155-38-1055B | 100 | T-55 | 193 | 3120 | |
| 27 | ADAPTER | 155-28-106-5B-A | 100 | T-55 | 193 | 3121 | |
| 28 | PIPE | 155-38-1095B-A | 100 | T-55 | 193 | 3122 | |
| 29 | PIPE | 155-38-1115B-A | 100 | T-55 | 193 | 3123 | |
| 30 | PIPE, W/SHOCK ABSORBER | 155-38-1125B-1 | 100 | T-55 | 193 | 3124 | |

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| NO | ITEM_NAME | PART_NO | REQ | CATALOG | PAGE | FIG | ITEM |
|----|---|----------------|------|---------|------|------|------|
| 31 | VALVE | 155-38-057 | 100 | T-55 | 193 | 3126 | |
| 32 | PIPE | 155-38-128SB | 100 | T-55 | 193 | 3127 | |
| 33 | PIPE | 155-38-131SB-A | 100 | T-55 | 194 | 3130 | |
| 34 | SETTLER | 155-38-132SB | 50 | T-55 | 194 | 3131 | |
| 35 | PIPE | 155-38-134SB | 100 | T-55 | 194 | 3132 | |
| 36 | PIPE | 155-21-27SB | 100 | T-55 | 194 | 3135 | |
| 37 | PIPE | 155-38-082-A | 100 | T-55 | 194 | 3141 | |
| 38 | PIPE | 155-38-133 | 100 | T-55 | 195 | 3149 | |
| 39 | GAUGE,PRESSURE,TYPE MT-1C, 250 Kg/cm2 | 155-38-269A | 100 | T-55 | 195 | 3159 | |
| 40 | UNIT, GEAR REDUCTION | 54-40SB-4A | 50 | T-55 | 200 | 3210 | |
| 41 | PLUG | 54-40-053 | 100 | T-55 | 201 | 3233 | |
| 42 | BUMPER ADJUSTING | 54-41-059 | 50 | T-55 | 203 | 3269 | |
| 43 | CYLINDER | 155-59-198SB-B | 1000 | T-55 | 217 | 3472 | |
| 44 | PUMP | 54-83-78SB-A | 20 | T-55 | 222 | 3556 | |
| 45 | BEARING BALL | 782726 | 100 | T-55 | 297 | 3624 | |
| 46 | ENGINE CLUTCH | 54-07SB-2 | 100 | T-62 | 35 | 389 | |
| 47 | GUN, GREASE, PLUNGER TYPE | 155-28-670SB | 200 | T-62 | 129 | 1899 | |
| 48 | ROPE, TOWING | 54-28-213SB-A | 200 | T-62 | 131 | 1942 | |
| 49 | SYRING, FOR KEROSENE, BLOWING OFF PIPES | 54-28-463SB | 100 | T-62 | 131 | 1950 | |
| 50 | WRENCH S = 27, SOCKET | 54-28-696SB-A | 100 | T-62 | 132 | 1964 | |
| 51 | GREASE GUN, SCREW-TYPE | 54-28-751SB | 100 | T-62 | 132 | 1967 | |
| 52 | HOSE, ASSEMBLY | 54-28-753SB | 100 | T-62 | 132 | 1969 | |
| 53 | LOOP, CONNECTING TOWING ROPES | 34-28-109SB-1 | 100 | T-62 | 133 | 1972 | |
| 54 | WRENCH 5.5-7 | 54-28-1658 | 100 | T-62 | 212 | 2038 | |
| 55 | RETAINER | 765-10-SB189 | 30 | BMP | 8 | 3 | 1 |
| 56 | GASKET | 765-10-SB662 | 50 | BMP | 8 | 3 | 62 |
| 57 | CYLINDER | 765-10-SB579 | 30 | BMP | 41 | 4 | 8 |
| 58 | CLEANER | 701-05-SB183 | 50 | BMP | 27 | 5.2 | 41 |
| 59 | RETAINER | 765-05-SB221 | 50 | BMP | 16 | 7 | 65 |
| 60 | GASKET | 765-06-458 | 200 | BMP | 19 | 7 | 21 |

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| NO | ITEM NAME | PART NO | REQ | CATALOG | PAGE | FIG | ITEM |
|----|--|-----------------|------|---------|------|------|------|
| 61 | COUPLING | 3320-142-1 | 200 | BMP | 20 | 7 | 51 |
| 62 | ASSEMBLY OF FILTER SECTION COVER | KV-SB05-35 | 200 | BMP | 17 | 8 | 5 |
| 63 | RING, SEALING | 903-01-85 | 300 | BMP | 28 | 10 | 22 |
| 64 | CASING | 765-06-SB306 | 30 | BMP | 25 | 10 | 46 |
| 65 | RING | 775-71-82 | 300 | BMP | 37 | 13 | 20 |
| 66 | STRAP | 765-10-455 | 200 | BMP | 35 | 13 | 47 |
| 67 | SPRING | 700-38-459 | 100 | BMP | 36 | 13 | 96 |
| 68 | LIMITER | 765-10-445 | 200 | BMP | 43 | 17 | 9 |
| 69 | RING | 46587 | 100 | BMP | 91 | 43.2 | 22/4 |
| 70 | PULLY WITH CRANK | 765-31-SB120 | 100 | BMP | 106 | 47 | 1 |
| 71 | RING RUBBER | 765-33-7 | 50 | BMP | 113 | 50 | 4 |
| 72 | TRAK LINK WITH RUBBER PAD | 765-35-SB102/RP | 3000 | BMP | 120 | 53 | 1 |
| 73 | PLATE, RIGHT | 765-47-SB185 | 40 | BMP | 139 | 62 | 2 |
| 74 | PLATE, REAR, left | 765-47-SB212 | 40 | BMP | 139 | 62 | 4 |
| 75 | PLATE, LEFT | 765-47-SB184 | 40 | BMP | 139 | 62 | 8 |
| 76 | PLATE, FRONT, left | 765-47-SB182 | 40 | BMP | 139 | 62 | 10 |
| 77 | LEFT FRONT TRAVERSING WHEEL | 765-33-SB128 | 30 | BMP | 184 | 86 | 1-17 |
| 78 | RIGHT FRONT TRAVERSING WHEEL | 765-33-SB129 | 30 | BMP | 186 | 87 | 1-17 |
| 79 | COMPLETE CARRING ROLLER | 765-34-SB101 | 20 | BMP | 188 | 88 | 1-20 |
| 80 | PLUG | 700-37-255 | 150 | BMP | 248 | 108 | 17 |
| 81 | HANDLE | 765-49-SB104 | 50 | BMP | 228 | 120 | 1 |
| 82 | LINK | 765-78-679 | 200 | BMP | 245 | 109 | 29 |
| 83 | PRESSER SENDING UNIT UP TO 15 Kg/Cm2 | 700-76-SB183 | 100 | BMP | 263 | 119 | 2 |
| 84 | INDICATOR, PRESSURE GAUGE T3-15 | 700-76-SB182 | 100 | BMP | 263 | 119 | 16 |
| 85 | SENDING UNIT, ELECTRIC SPEEDOMETER M3-301 | 700-76-SB417 | 100 | BMP | 264 | 119 | 21 |
| 86 | METER 2TYE-1 | 700-76-SB807 | 100 | BMP | 264 | 119 | 22 |
| 87 | RECIVER | 700-76-SB808 | 50 | BMP | 264 | 119 | 23 |
| 88 | INDICATOR, ELECTRIC SPEEDOMETER, TYPE CT-106 | 700-76-SB416 | 100 | BMP | 264 | 119 | 24 |
| 89 | CONTACTOR KM-50A-B | 700-76-SB383 | 100 | BMP | 264 | 119 | 27 |
| 90 | GENERATOR, TACHOMETER A-4 | 700-76-SB307 | 100 | BMP | 264 | 119 | 31 |

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|-----|--|-------------------------------|-----|---------|------|-------|---------|
| 91 | GASKET | 765-84-90 | 300 | BMP | 273 | 123 | 12 |
| 92 | REGULATOR VOLTAGE PH-10 | 700-76-SB560 | 200 | BMP | 289 | 128 | 1 |
| 93 | CONTACTOR, SMALL-SIZE, KM-600 -B | 700-76-SB656 | 100 | BMP | 289 | 128 | 5 |
| 94 | WRENCH, NUTS OF TRACK WEDGES | 765-93-SB137 | 100 | BMP | 292 | 130 | 2 |
| 95 | WRENCH ACCESS HATCHES AND PLUGS OF GUN WEDGES | 765-93-SB142 | 100 | BMP | 292 | 130 | 19 |
| 96 | WRENCH, 100*110 TRACK ADJUSTING MECH | 765-93-289 | 100 | BMP | 295 | 130 | 22 |
| 97 | WRENCH, 5,5-7MH-5548-64 | 7811-0002 | 100 | BMP | 296 | 130 | 23 |
| 98 | WRENCH, 27*32 | 765-93-193 | 100 | BMP | 295 | 130 | 24 |
| 99 | GREASE GUN, PLUNGER-TYPE OF CONSISTENT GREASE | 748-27-SB100 | 100 | BMP | 294 | 132 | 4 |
| 100 | LUBRICATION GUN, | 700-77-SB268 | 100 | BMP | 294 | 132 | 7 |
| 101 | EXTENSION, FUNNEL FOR FILLING OF OIL IN GEAR BOX | 765-93-SB175 | 100 | BMP | 293 | 132 | 13 |
| 102 | WIRE ROPE, TOWING | 765-93-SB195 | 200 | BMP | 293 | 134 | 4 |
| 103 | AIR FILTER | TU-218-K | 30 | BMP | 401 | 223.1 | 138 |
| 104 | RETURN VALVE | TU-674-600/B-K | 100 | BMP | 401 | 223.1 | 139 |
| 105 | TRANSFER VALVE | TU-24-7-395-70 | 50 | BMP | 401 | 223.2 | 140 |
| 106 | REDUCER | TU-669.300M-14-K | 50 | BMP | 401 | 223.2 | 142 |
| 107 | TRANSFER VALVE | TU-12-44-395-75 | 40 | BMP | 406 | 225.1 | 150 |
| 108 | CONTACTOR | 3006-000 | 30 | BMP | 429 | 235.9 | 37 |
| 109 | RELAY BOX | 5-700-76-SB955 | 50 | BMP | 429 | 235.9 | 44 |
| 110 | RELAY BOX | KR-65-000-TU | 30 | BMP | 429 | 235.5 | 45 |
| 111 | THERMOREGULATOR | TU-3-990-74 | 50 | BMP | 429 | 235.6 | 48 |
| 112 | BOTTLE | 5-765-87-SB156 | 250 | BMP | 478 | 260 | 1-13 |
| 113 | TUBE | 765-93-SB304 | 100 | BMP | 556 | 303.1 | 25 |
| 114 | FRONT SPANNER 10*12 | 765-93-431 OR 701-85-398 | 100 | BMP | 560 | 303.1 | 99 |
| 115 | GAUGE | 765-93-SB208 | 100 | BMP | 558 | 303.2 | 43 |
| 116 | SPECIAL SPANNER S-14 | 765-100-212 | 100 | BMP | 559 | 303.2 | 55 |
| 117 | GAUGE | 765-93-SB207 OR 865-93-SB6759 | 100 | BMP | 560 | 303.2 | 95 |
| 118 | DEVICE, TRACK REMOVAL | 865-93-SB6396 | 200 | BMP | 556 | 303.2 | 28/1-11 |
| 119 | REMOVER, TRACK LINK | 765-93-SB170 | 100 | BMP | 556 | 303.2 | 29/1-9 |
| 120 | 1 ST AND REVERS GEAR LOCK SPRING | 154-08-068 | 25 | VT-55 | 45 | 46 | 91 |

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| NO | ITEM NAME | PART_NO | REQ | CATALOG | PAGE | FIG | ITEM |
|-----|-------------------------------|---------------|-----|---------|------|---------|-------|
| 121 | COMPLETE REDUCTION WITH DRIVE | 19-40-001 5-2 | 20 | VT-55 | 270 | 244-259 | 1-213 |
| 122 | LEVER WITH SHAFT | 19-40-0025 | 10 | VT-55 | 270 | 246 | 2-2a |
| 123 | DRIVE SHAFT | 19-40-025-4 | 10 | VT-55 | 270 | 246 | 7 |
| 124 | GEAR | 940-003-2A | 10 | VT-55 | 270 | 246 | 8 |
| 125 | CLAW CLUTCH | 19-40-023-1 | 10 | VT-55 | 270 | 247 | 9 |
| 126 | SLEEVE | 19-40-026-2 | 20 | VT-55 | 270 | 247 | 11 |
| 127 | CLAW CLUTCH | 19-40-037 | 10 | VT-55 | 270 | 247 | 15 |
| 128 | NUT | 19-40-160 | 50 | VT-55 | 270 | 247 | 19 |
| 129 | BEVEL GEAR | 19-40-024 | 10 | VT-55 | 270 | 248 | 21 |
| 130 | DISTANCE RING | 940-023 | 20 | VT-55 | 270 | 248 | 22 |
| 131 | LOCKING PIECE | 940-028 | 20 | VT-55 | 270 | 248 | 23 |
| 132 | NUT | 940-029 | 50 | VT-55 | 270 | 249 | 24 |
| 133 | SLEEVE FORK | 940-040 | 20 | VT-55 | 270 | 249 | 28 |
| 134 | SLEEVE | 19-40-028-1 | 20 | VT-55 | 271 | 249 | 34 |
| 135 | BEVEL GEAR | 19-40-005-2 | 10 | VT-55 | 271 | 250 | 40 |
| 136 | BEARING BUSH | 19-40-006 | 10 | VT-55 | 271 | 250 | 41 |
| 137 | SPLIT RING | 19-40-047 | 20 | VT-55 | 271 | 250 | 47 |
| 138 | LEVER | 19-40-154 | 20 | VT-55 | 271 | 251 | 50 |
| 139 | LEVER WITH SHAFT | 19-40-0215 | 10 | VT-55 | 271 | 251 | 53 |
| 140 | ADJUSTING RING | 19-40-010 | 10 | VT-55 | 271 | 257 | 45 |
| 141 | PACKING | 19-40-011 | 10 | VT-55 | 271 | 257 | 46 |
| 142 | CONTROL RING | 19-40-019 | 10 | VT-55 | 271 | 257 | 51 |
| 143 | WASHER | 19-40-046 | 50 | VT-55 | 271 | 257 | 44 |
| 144 | INTERMEDIUM GEAR | 19-40-059-1 | 10 | VT-55 | 272 | 252 | 63 |
| 145 | SHAFT | 19-40-118 | 10 | VT-55 | 272 | 255 | 180 |
| 146 | NUT | 19-40-138-1 | 50 | VT-55 | 272 | 256 | 197 |
| 147 | CONTROL LEVER | 19-40-153 | 20 | VT-55 | 272 | 256 | 208 |
| 148 | BOLT | 154-40-062-5 | 25 | VT-55 | 273 | 245 | 83 |
| 149 | FLANGE | 19-40-086 | 10 | VT-55 | 274 | 254 | 115 |
| 150 | BODY | 19-40-114 | 10 | VT-55 | 276 | 254 | 170 |

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| NO | ITEM_NAME | PART_NO | REQ | CATALOG | PAGE | FIG | ITEM |
|-----|--------------------------------------|-----------------|-------|---------|------|-----|--------|
| 151 | RING | 19-40-117 | 50 | VT-55 | 276 | 259 | 179 |
| 152 | REEL ON CYLINDER OF MAIN POWER WINCH | 19-50-075 | 10 | VT-55 | 289 | 289 | 16a-37 |
| 153 | CYLINDER EASY | 19-50-04S12 | 10 | VT-55 | 289 | 275 | 1 |
| 154 | GENERATOR | PGS22-14A | 5 | SHILKA | 328 | 100 | 1 |
| 155 | GENERATOR | 575-20-10-011-B | 15 | SHILKA | 328 | 100 | 10 |
| 156 | EJECTOR | 575-10-31-001-G | 20 | SHILKA | 37 | 8 | 27 |
| 157 | EXHAUST TUBE | 575-10-31-015 | 500 | SHILKA | 37 | 8 | 38 |
| 158 | EXHAUST TUBE | 575-10-31-008-B | 500 | SHILKA | 37 | 8 | 34 |
| 159 | RADIATOR, WATER | 730-03-SB133A | 25 | SHILKA | 37 | 8 | 39 |
| 160 | VALVE | 575-10-40-231 | 100 | SHILKA | 43 | 9 | 21 |
| 161 | VALVE | 575-10-40-233 | 100 | SHILKA | 43 | 9 | 42 |
| 162 | FUEL TANK SMALL | 740-04-SB103 | 100 | BK | 13 | 3 | 11 |
| 163 | FUEL TANK LARGE | 740-04-SB104-2 | 100 | BK | 13 | 3 | 18 |
| 164 | SCREEN FILTER | 740-06-SB141 | 500 | BK | 21 | 6 | 7 |
| 165 | COLLAR | 740-15-14 | 100 | BK | 54 | 19 | 17 |
| 166 | THRA B COOPE | 740-17-SB237 | 50 | BK | 68 | 25 | 16 |
| 167 | BAAWK B COOPE | 740-17-SB238 | 50 | BK | 68 | 25 | 17 |
| 168 | THRA B COOPE | 740-17-SB242 | 50 | BK | 68 | 25 | 13 |
| 169 | CONTROL LEVER BLOCK RIGHT | 740-17-SB263-2 | 50 | BK | 83 | 26 | — |
| 170 | CONTROL LEVER BLOCK LEFT | 740-17-SB264-2 | 50 | BK | 83 | 26 | — |
| 171 | LEVER HANDLE | 740-17-416 | 50 | BK | 83 | 26 | 30 |
| 172 | DRIVER SEAT | 740-18-SB1 | 50 | BK | 85 | 28 | — |
| 173 | GEAR SHIFT GATE | 740-19-SB-1 | 50 | BK | 87 | 29 | — |
| 174 | LST AND RAVERSE SPEED | 740-19-27 | 50 | BK | 89 | 29 | 32 |
| 175 | RIGHT TUBE ASSY | 740-28-116A | 50 | BK | 114 | 42 | 2 |
| 176 | STRIKER | 740-33-76 | 50 | BK | 133 | 47 | 20 |
| 177 | Track link, asay, | 740-35-SB103 | 20000 | BK | 133 | 48 | 1 |
| 178 | PIN | 740-35-3-1 | 20000 | BK | 133 | 48 | 2 |
| 179 | AXLE | 740-47-190 | 50 | BK | 139 | 52 | 6 |
| 180 | ANTI SURGE VANE | 740-47-SB135-2 | 75 | BK | 139 | 52 | 8 |

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| NO | ITEM NAME | PART_NO | REQ | CATALOG | PAGE | FIG | ITEM |
|-----|----------------------------------|----------------|-----|----------|------|------|-------|
| 181 | TORISON BAR | 740-49-31 | 50 | BK | 146 | 57 | 5 |
| 182 | COCK | 740-50-SB226 | 50 | BK | 150 | 58 | 1 |
| 183 | TOWING HOOK | 740-50-231 | 50 | BK | 150 | 58 | 26 |
| 184 | LATCH | 740-50-623 | 100 | BK | 151 | 58 | 20 |
| 185 | SPRING | 740-50-625 | 100 | BK | 151 | 58 | 19 |
| 186 | STOP ASSY | 750-50-1225B | 100 | BK | 153 | 59A | 15 |
| 187 | HANDLE | 750-50-085 | 100 | BK | 158 | 59B | 1 |
| 188 | PIN | 740-50-082 | 100 | BK | 158 | 59B | 4 |
| 189 | TORISON BAR | 750-50-78 | 50 | BK | 158 | 59B | 12 |
| 190 | Hook 1'or toffing gun | 750-50-375 | 50 | BK | 152 | 59 | 24 |
| 191 | TORISON | 750-61-145 | 50 | BK | 183 | 71 | 3 |
| 192 | LOCK | 750-61-150 | 50 | BK | 183 | 71 | 8 |
| 193 | TACHOMETER GENERATOR | 740-80-SB159 | 50 | BK | 193 | 82 | 24 |
| 194 | HEAD LAMP WITH BREAK | 740-82-SB-182 | 200 | BK | 216 | 88 | 23 |
| 195 | SPECIAL WRENCH, S=60 | 740-93-397 | 200 | BK&OT-62 | 249 | 101 | 9 |
| 196 | WRENCH FOR TRACK ADJUSTMENT | 740-93-81 | 200 | BK&OT-62 | 245 | 101 | 17 |
| 197 | WRENCH FOR TRACK ADJUSTMENT | 740-93-82 | 200 | BK&OT-62 | 245 | 101 | 16 |
| 198 | WRENCH FOR SHAFTS, | NT-180 | 200 | BK&OT-62 | 250 | 101 | 26 |
| 199 | WRENCH FOR ROAD WHEEL NUT | 740-93-229 | 200 | BK&OT-62 | 247 | 101 | 33 |
| 200 | WRENCH FOR DRAINING OIL AND FUEL | 740-93-SB236-1 | 200 | BK&OT-62 | 244 | 101 | 34 |
| 201 | SPECIAL WRENCH S=17 | 740-93-SB131 | 100 | BK&OT-62 | 240 | 101 | 40 |
| 202 | SPECIAL WRENCH S=14 | 740-93-SB140 | 100 | BK&OT-62 | 240 | 101 | 41 |
| 203 | WRENCH FOR HATCH DOORS | 740-93-SB270 | 200 | BK&OT-62 | 244 | 101 | 42 |
| 204 | TOWING ROPE | 740-93-SB104 | 200 | BK&OT-62 | 239 | 102 | 7 |
| 205 | PIN, ASSY | 740-93-SB128 | 200 | BK&OT-62 | 240 | 102 | 10 |
| 206 | THIMBLE FOR TOWING ROPE | 740-93-91 | 200 | BK&OT-62 | 246 | 102 | 11 |
| 207 | Hand pump RNA-1A | 54-05-004A | 100 | OT-62 | 21 | 10 | 1-15 |
| 208 | Joint nange | 800-10-002 | 50 | OT-62 | 51 | 25/1 | 11 |
| 209 | Ventilator shaft | 800-10-0215 | 50 | OT-62 | 54 | 27.1 | 1/1-2 |
| 210 | Holder | 800-12-031-1 | 100 | OT-62 | 62 | 28.5 | 55 |

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| NO | ITEM_NAME | PART_NO | REQ | CATALOG | PAGE | FIG | ITEM |
|-----|--|-----------------|-----|---------|------|-------|-------|
| 211 | Suspension eye | 800-12-256 | 100 | OT-62 | 67 | 28.6 | 180 |
| 212 | Indicator | 800-12-242 | 100 | OT-62 | 64 | 28.6 | 97 |
| 213 | Castle nut M 16 | 800-12-309 | 200 | OT-62 | 67 | 28.6 | 174 |
| 214 | 800-17-231 Spring | 800-17-231S | 100 | OT-62 | 123 | 55 | 3/4 |
| 215 | Draw-bar assembly | 800-17-044 S-1 | 100 | OT-62 | 130 | 58 | 2 |
| 216 | Draw-bar assembly | 800-17-066 S-1 | 100 | OT-62 | 152 | 68 | 12 |
| 217 | Left lever assembly | 800-17-309S | 100 | OT-62 | 156 | 69 | 1 |
| 218 | Complete parts for assembly of driver seat | 800-18-201S | 50 | OT-62 | 163 | 71 | 1-20 |
| 219 | Complete driver seat | 800-18-202S | 50 | OT-62 | 163 | 71 | 1 |
| 220 | Complete speedometer with drive | 800-20-5B1-2 | 100 | OT-62 | 175 | 76 | 1-18 |
| 221 | Finger | 740-32-5-1 | 100 | OT-62 | 231 | 105 | 7 |
| 222 | Shaft | 740-32-6-2 | 100 | OT-62 | 231 | 105 | 8 |
| 223 | Valve plug | 800-32-10 | 50 | OT-62 | 231 | 105 | 9 |
| 224 | Packing piece | 740-33-25 | 100 | OT-62 | 236 | 107 | 16 |
| 225 | Spring collar | 740-33-57 | 100 | OT-62 | 236 | 107 | 20 |
| 226 | Assembly of nozzle body | 800K-38-002S | 50 | OT-62 | 239 | 109 | 2 |
| 227 | Complete hose L=2800 mm | 800K-38-003S | 50 | OT-62 | 239 | 109 | 3/1-3 |
| 228 | Complete hose L=1690 ll~m | 800K-38-004S | 50 | OT-62 | 239 | 109 | 4/1-5 |
| 229 | Breakwater | 800-47-135 S-1B | 50 | OT-62 | 250 | 115.2 | 4 |
| 230 | Right reinforcement | 740-47-214 | 100 | OT-62 | 251 | 115.2 | 35 |
| 231 | Lett | 740-47-215 | 100 | OT-62 | 251 | 115.2 | 36 |
| 232 | Stop | 740-49-40 | 100 | OT-62 | 259 | 120 | 11 |
| 233 | Spring of handle | 800-50-048 | 100 | OT-62 | 281 | 124 | 1/18 |
| 234 | Handle of lockV | 800-50-049 | 100 | OT-62 | 280 | 124 | 1/20 |
| 235 | Latch of lock | 4-30-134 | 100 | OT-62 | 280 | 124 | 1/12 |
| 236 | Closure lever | 800-50-058 | 100 | OT-62 | 281 | 124 | 2/1 |
| 237 | Buffer | 5-30-271 | 100 | OT-62 | 281 | 124 | 3/3 |
| 238 | Latch of lock | 800-50-358 | 100 | OT-62 | 286 | 127 | 2/7/1 |
| 239 | Eush complete | 800-50-528 S | 50 | OT-62 | 292 | 129 | 2 |
| 240 | Supporting tube | 800-50-428 | 50 | OT-62 | 318 | 151 | 1 |

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| NO | ITEM_NAME | PART_NO | REQ | CATALOG | PAGE | FIG | ITEM |
|-----|-------------------------------------|-------------------------|------|--------------|------|-------|------|
| 241 | Latch | 800-50-164 | 100 | OT-62 | 212 | 212 | 4 |
| 242 | BOTTLE | 740-87-SB128-1 | 1000 | OT-62 | 489 | 278 | 1-14 |
| 243 | SPECIAL SPANNER | 800-93-0135 | 100 | OT-62 | 637 | 324.1 | 1 |
| 244 | SPECIAL SPANNER S=60 | 800-93-020-1 | 100 | OT-62 | 643 | 324.4 | 83 |
| 245 | HOOK WRENCH 52*55 | DIN 1810 | 100 | OT-62 | 644 | 324.4 | 95 |
| 247 | Electropivot 27/5 - VKU adaption | 800-101-754S | 20 | OT-62 | 725 | 364 | 9 |
| 246 | BOX | 800-101-803S | 20 | OT-62 | 726 | 365.1 | 2 |
| 248 | Complete sleeve | 800-101-891S | 100 | OT-62 | 727 | 365.1 | 7 |
| 249 | Terminal box | 800-101-111S | 50 | OT-62 | 733 | 365.1 | 89 |
| 250 | REMOTE CONTROL ROPE | 50M-1321-070 | 50 | UP GRADE B K | | | |
| 251 | REMOTE CONTROL ROPE | 50M-1321-080 | 50 | UP GRADE B K | | | |
| 252 | REGULATING EQUIPMENT UNIT | 50M-1400004 | 20 | UP GRADE B K | | | |
| 253 | piston pin | 304-10-2 | 300 | UTD_20 | 24 | 8 | 4 |
| 254 | stopper | 20-04-07 | 600 | UTD_20 | 24 | 8 | 5 |
| 255 | MECHANICAL,FUEL PUMP | SB20-32-00-4 | 30 | UTD_20 | 98 | 36 | 31 |
| 256 | GASKET | 20-27-293 | 50 | UTD_20 | 101 | 36 | 32 |
| 257 | Gasket (for tachometer generator) | 308-146 | 50 | UTD_20 | 91 | | |
| 258 | JACKET, cylinder | 303-06-10 or 303-06-10A | 500 | V12_ENG | 15 | 11 | |
| 259 | PIN, piston | 304-10-2 | 500 | V12_ENG | 17 | 12 | |
| 260 | BUSHING, setting | 305-21 | 200 | V12_ENG | 19 | 15 | |
| 261 | SPLINED COUPLING | 3308-235 | 100 | V12_ENG | 22 | 30 | |
| 262 | BUSHING, inclined shaft | 306-75-3 | 300 | V12_ENG | 24 | 19 | |
| 263 | CAMSHAFT, intake | 307-06-4 | 300 | V12_ENG | 30 | 26 | |
| 264 | CAMSHAFT, exhaust | 307-15-3 | 150 | V12_ENG | 30 | 26 | |
| 265 | CASE, seal, assy | 3308-261 | 200 | V12_ENG | 34 | 30 | |
| 266 | BUSHING | 3308-246-1 | 100 | V12_ENG | 34 | 28 | |
| 267 | BUSHING SPLINED | 3308-233 | 50 | V12_ENG | 34 | 31 | |
| 268 | RETAINER SPRING | 3308-236 | 100 | V12_ENG | 34 | 30 | |
| 269 | SPRING | 3308-237 | 100 | V12_ENG | 34 | 30 | |
| 270 | PUMP ELEMENT | 5B327-07-1 | 500 | V12_ENG | 46 | 54 | |

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